Friden, Inc.



ELECTRONIC CALCULATORS

COMPUTER PRINTOUT (MDD)

Friden, Inc.
SAN LEANDRO · CALIFORNIA
A SUBSIDIARY OF THE SINGER COMPANY

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FRIDEN ELECTRONIC CALCULATORS

EC-132 Computer Printout (MDD)

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INTRODUCTION

Since the EC-132 MDD conforms to the same layout and format as the EC-130, refer to the EC-130 Introduction for this information.

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SECTION I - GLOSSARY OF TERMS

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F R I D E N INC
EC/132 GLOSSARY OF TERMS

TERM	DEFINED AT	USED IN EQUATIONS	DEFINITION
ACOF1	1460.01	0038.02 0052.02 0057.02 1240.02 1460.03 1460.04	ARITH. CARRY OVERFLOW (FF). SET OUTPUT
ACOF2	1460.02	0026.02 0104.03 0105.04 0107.02 0133.02 1170.04	ARITH. CARRY OVERFLOW (FF). RESET OUTPUT
ACRY1	1450.01	0180.02 1300.05 1450.05 1460.03	ARITH. CARRY (FF). SET OUTPUT
ACRY2	1450.02	0104.02 1300.09 1450.03	ARITH. CARRY (FF). RESET OUTPUT
AEC2	1650.01	0283.02	ARITH ENT COUNT (FF). RESET OUTPUT
AERC4	0180.01	0178.02	ARITH. ENABLE RESET CARRY. INVERTER FALSE
AERM3	0142.01	1450.08	ARITH. ENABLE RESET (CARRY) IN MULT. INV TRUE
AERS3	0189.01	0187.02 1450.06	ARITH. ENABLE RESET (CARRY) IN SUB. INVERTER TRUE
AESA3	0187.01	1450.04	ARITH. ENABLE SET (CARRY) IN ADD. INVERTER TRUE
AIDM3	0164.01	0176.02	ARITH. INCREMENT D (COUNTER) IN MULT. INV TRUE
AIDS3	0166.01	0176.02 1450.03	ARITH. INCREMENT D (COUNTER) IN SUB. INVERTER TRUE
AIEC3	0283.01		ARITH INC ENT COUNT. INV TRUE OUTPUT
AIRA3	0096.01	0168.02	ARITH. INHIBIT RESET (A) IN ADD. INVERTER TRUE
AIRQ3	0080.01	0185.02	ARITH. INCREMENT R(1) IN SQ ROOT. INVERTER TRUE
AIRS3	0093.01	0162.02 0168.02	ARITH. INHIBIT RESET (A) IN SUB. INVERTER TRUE
AIRX3	0063.01	0168.02 1140.08 1210.06 1220.06	ARITH. INH RESET (A) FOR MLT AND DIV SGN. INV TRUE
AOFL2	1240.01	0036.02 0097.02 1030.05	ARITH. OVERFLOW (FF). RESET OUTPUT
AOFL3	0097.01		ARITH. OVERFLOW. INVERTER TRUE
ARA13	0140.01	0142.02 1290.06	ARITH. RESET (FF) A1. INVERTER TRUE
ARCA3	0178.01	0180.02 0185.02 1450.07	ARITH. RESET CARRY (FF) AND (INC CTR) A. INV TRUE
ARDS3	0094.01	0138.03 0170.02	ARITH. RESET D (COUNTER) IN SUB. INVERTER TRUE
ASA13	0139.01	0140.02 1290.03	ARITH. SET (FF) A1. INVERTER TRUE
ASC1	1150.01	0029.03 0107.05 0133.02	ARITH. SIGN CONTROL (FF). SET OUTPUT

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TERM	DEFINED AT	USED IN EQUATIONS	DEFINITION
		1150.05	
ASC2	1150.02	0028.02 1150.03 1150.04	ARITH. SIGN CONTROL (FF). RESET OUTPUT

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TERM	DEFINED AT	USED IN EQUATIONS	DEFINITION
ASCQ3	0065.01	1450.10	ARITH. SET CARRY (FF) IN SQ ROOT. INV TRUE
CA11	1290.01	1280.03 1340.04 1390.03 1440.04	COUNTERS. COUNTER A (FF) 1. SET OUTPUT
CA12	1290.02	1280.05 1340.07 1390.05	COUNTERS. COUNTER A (FF) 1. RESET OUTPUT
CA21	1280.01	1270.03 1280.07 1330.04 1380.03 1430.04	COUNTERS. COUNTER A (FF) 2. SET OUTPUT
CA22	1280.02	1270.05 1330.07 1380.05	COUNTERS. COUNTER A (FF) 2. RESET OUTPUT
CA31	1270.01	1260.03 1270.07 1320.04 1370.03 1420.04	COUNTERS. COUNTER A (FF) 3. SET OUTPUT
CA32	1270.02	1260.05 1320.07 1370.05	COUNTERS. COUNTER A (FF) 3. RESET OUTPUT
CA41	1260.01	0193.02 1250.03 1260.07 1310.04 1360.03 1410.04	COUNTERS. COUNTER A (FF) 4. SET OUTPUT
CA42	1260.02	1250.05 1310.07 1360.05	COUNTERS. COUNTER A (FF) 4. RESET OUTPUT
CA51	1250.01	1250.07 1290.08 1300.04 1350.03 1400.04	COUNTERS. COUNTER A (FF) 5. SET OUTPUT
CA52	1250.02	0193.02 1290.05 1300.08 1350.05	COUNTERS. COUNTER A (FF) 5. RESET OUTPUT
CA94	0193.01	0187.02 0189.02 1450.07	COUNTERS. A COUNTER IS 9. INVERTER FALSE
CB11	1390.01	1440.03	COUNTERS. COUNTER B (FF) 1. SET OUTPUT
CB12	1390.02		COUNTERS. COUNTER B (FF) 1. RESET OUTPUT
CB21	1380.01	1430.03	COUNTERS. COUNTER B (FF) 2. SET OUTPUT
CB22	1380.02	1380.07 1390.07	COUNTERS. COUNTER B (FF) 2. RESET OUTPUT
CB31	1370.01	1420.03	COUNTERS. COUNTER B (FF) 3. SET OUTPUT
CB32	1370.02		COUNTERS. COUNTER B (FF) 3. RESET OUTPUT
CB41	1360.01	1410.03	COUNTERS. COUNTER B (FF) 4. SET OUTPUT
CB42	1360.02		COUNTERS. COUNTER B (FF) 4. RESET OUTPUT

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TERM	DEFINED AT	USED IN EQUATIONS	DEFINITION
CB51	1350.01	1400.03	COUNTERS. COUNTER B (FF) 5. SET OUTPUT
CB52	1350.02		COUNTERS. COUNTER B (FF) 5. RESET OUTPUT
CC11	1440.01	0220.02 1400.08	COUNTERS. COUNTER C (FF) 1. SET OUTPUT
CC12	1440.02	1400.05	COUNTERS. COUNTER C (FF) 1. RESET OUTPUT
CC21	1430.01	1440.05	COUNTERS. COUNTER C (FF) 2. SET OUTPUT
CC22	1430.02	1440.08	COUNTERS. COUNTER C (FF) 2. RESET OUTPUT
CC31	1420.01	1430.05	COUNTERS. COUNTER C (FF) 3. SET OUTPUT
CC32	1420.02	1430.08	COUNTERS. COUNTER C (FF) 3. RESET OUTPUT
CC41	1410.01	1420.05	COUNTERS. COUNTER C (FF) 4. SET OUTPUT
CC42	1410.02	1420.08	COUNTERS. COUNTER C (FF) 4. RESET OUTPUT
CC51	1400.01	0220.02 1410.05	COUNTERS. COUNTER C (FF) 5. SET OUTPUT
CC52	1400.02	1410.08	COUNTERS. COUNTER C (FF) 5. RESET OUTPUT
CCZ3	0220.01	0222.02	COUNTERS. C (COUNTER) ZERO. INVERTER TRUE
CD11	1340.01	0196.02 0235.02 1290.04 1300.07 1340.08 1390.04	COUNTERS. COUNTER D (FF) 1. SET OUTPUT
CD12	1340.02	0227.02 0235.02 0274.02 1290.07 1300.03 1390.06	COUNTERS. COUNTER D (FF) 1. RESET OUTPUT
CD21	1330.01	0235.02 0274.03 0275.02 1280.04 1330.08 1340.03 1380.04	COUNTERS. COUNTER D (FF) 2. SET OUTPUT
CD22	1330.02	0235.02 1280.06 1340.06 1380.06	COUNTERS. COUNTER D (FF) 2. RESET OUTPUT
CD31	1320.01	0235.02 1270.04 1320.09 1330.03 1370.04	COUNTERS. COUNTER D (FF) 3. SET OUTPUT
CD32	1320.02	0235.02 0275.03 1270.08 1330.06 1370.06	COUNTERS. COUNTER D (FF) 3. RESET OUTPUT
CD41	1310.01	0235.02 1260.04 1310.08 1320.03 1360.04	COUNTERS. COUNTER D (FF) 4. SET OUTPUT

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TERM	DEFINED AT	USED IN EQUATIONS	DEFINITION
CD42	1310.02	0235.02 1260.06 1320.06 1360.06	COUNTERS. COUNTER D (FF) 4. RESET OUTPUT
CD51	1300.01	0196.02 0235.02 1250.04 1310.03 1350.04	COUNTERS. COUNTER D (FF) 5. SET OUTPUT
CD52	1300.02	0235.02 1250.06 1310.06 1350.06	COUNTERS. COUNTER D (FF) 5. RESET OUTPUT
CDZ3	0196.01	0048.02 0164.02 0197.02	COUNTERS. D (COUNTER) IS ZERO. INVERTER TRUE
CDZ4	0197.01	1240.03	COUNTERS. D (COUNTER) IS ZERO. INVERTER FALSE
CED55	0138.01	1300.10	COUNTERS. ENABLE (RESET) D5. COG TRUE
CERD4	0170.01	0172.02	COUNTERS. ENABLE RESET D (COUNTER). INVERTER FALSE
CIA9	0185.01	1250.03 1250.05 1260.03 1260.05 1270.03 1270.05 1280.03 1280.05 1290.05 1290.08 1450.04 1450.06 1470.04	COUNTERS. INC A (COUNTER). EMITTER FOLLOWER TRUE
CIC4	0222.01	0223.02	COUNTERS. INCREMENT C (COUNTER). INVERTER FALSE
CIC9	0223.01	1400.05 1400.08 1410.05 1410.08 1420.05 1420.08 1430.05 1430.08 1440.05 1440.08	COUNTERS. INC C (COUNTER). EMITTER FOLLOWER TRUE
CID9	0176.01	1300.03 1300.07 1310.03 1310.06 1320.03 1320.06 1330.03 1330.06 1340.03 1340.06	COUNTERS. INC D (COUNTER). EMITTER FOLLOWER TRUE
CRA9	0168.01	1250.07 1260.07 1270.07 1280.07 1290.03 1290.06 1450.08	COUNTERS. RESET A (COUNTER). EMITTER FOLLOWER TRUE
CRD9	0172.01	1300.05 1300.09 1310.08 1320.09 1330.08 1340.08	COUNTERS. RESET D (COUNTER). EMITTER FOLLOWER TRUE
DBDE3	0099.01	0082.02	DECIMAL COUNTER. BLOCK DIGIT ENTRY. INVERTER TRUE
DBSL3	0932.01	0082.02 1110.04	DECIMAL COUNTER. BLOCK (ENTRY) SHIFT LEFT. INV TRUE
DC11	1230.01	0099.02 0101.02 1230.06	DECIMAL COUNTER. COUNTER 1 (FF). SET OUTPUT

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TERM	DEFINED AT	USED IN EQUATIONS	DEFINITION
DC12	1230.02	1220.07 1220.08 1230.05	DECIMAL COUNTER, COUNTER 1 (FF), RESET OUTPUT
DC21	1220.01	0099.02 0101.02 1220.08	DECIMAL COUNTER, COUNTER 2 (FF), SET OUTPUT
DC22	1220.02	1210.07 1210.08 1220.07	DECIMAL COUNTER, COUNTER 2 (FF), RESET OUTPUT
DC41	1210.01	0099.02 0101.02 1210.08	DECIMAL COUNTER, COUNTER 4 (FF), SET OUTPUT
DC42	1210.02	1200.05 1200.06 1210.07	DECIMAL COUNTER, COUNTER 4 (FF), RESET OUTPUT
DC81	1200.01	0099.02 0101.02 1200.06	DECIMAL COUNTER, COUNTER 8 (FF), SET OUTPUT
DC82	1200.02	1200.05	DECIMAL COUNTER, COUNTER 8 (FF), RESET OUTPUT
DED53	0033.01		DECIMAL COUNTER, ENTRY OR DIVIDE SET, INV TRUE
DIC5	0102.01	1230.05 1230.06	DECIMAL COUNTER, INCREMENT COUNTER, COG TRUE
DMUS3	0034.01		DECIMAL COUNTER, MULTIPLY SET, INVERTER TRUE
DPOQ3	0011.01	0014.02 1220.03	DEC CTR,PLACES(TO RT OF DEC ARE)ODD IN SQ RT,INV TRU
DSZ3	0101.01	0009.02 0046.02 0076.02 0084.02 0102.02 0125.05 1140.05	DECIMAL COUNTER, STEP ZERO, INVERTER TRUE
EAS1	1020.01	1030.03 1150.03 1150.06	ENTRY FUNCTION, ADD SUBTRACT (FF), SET OUTPUT
EAS2	1020.02	0006.02 0028.02	ENTRY FUNCTION, ADD SUBTRACT (FF), RESET OUTPUT
ECD1	1110.01	0023.02	ENTRY FUNCTION, COMMON DIGIT (FF), SET OUTPUT
ECD2	1110.02	0082.02 0127.04 0131.02 1130.04	ENTRY FUNCTION, COMMON DIGIT (FF), RESET OUTPUT
ECF1	1100.01	0023.02 1130.03	ENTRY FUNCTION, COMMON FUNCTION (FF), SET OUTPUT
ECF2	1100.02	0076.02 1100.03 1140.06	ENTRY FUNCTION, COMMON FUNCTION (FF), RESET OUTPUT
ECFD4	0023.01	0021.02 1160.06 1170.09 1180.05 1190.05	ENTRY FUNCTION, COM FUN OR (COM) DIG, INV FALSE
ECFS1	1130.01	0230.02 0281.02 1130.04 1140.03 1650.03	ENTRY FUNCTION, COM FUN STORAGE (FF), SET OUTPUT
ECFS2	1130.02	0032.02 0127.05 0131.02 1130.03	ENTRY FUNCTION, COM FUN STORAGE (FF), RESET OUTPUT
ECFS4	0281.01	0283.02	ENT COM FUN STOR, INV FALSE OUTPUT

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TERM	DEFINED AT	USED IN EQUATIONS	DEFINITION
ECS2	1050.01	0103.02	ENTRY FUNCTION. CHANGE SIGN (FF). RESET OUTPUT

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TERM	DEFINED AT	USED IN EQUATIONS	DEFINITION
ECY1	1640.01	0003.04 1640.03	ENTRY FUNCTION. CLEAR DISPLAY (FF). SET OUTPUT
ECY2	1640.02	0078.02	ENTRY FUNCTION. CLEAR DISPLAY (FF). RESET OUTPUT
EDPS1	1140.01	1140.06 1140.07 1140.08 1200.03 1200.04 1210.04 1210.05 1220.04 1220.05 1230.03 1230.04	ENTRY FUNCTION. DEC PT STORAGE (FF). SET OUTPUT
EDPS2	1140.02	0032.02 0099.02 0300.03 1140.03	ENTRY FUNCTION. DEC PT STORAGE (FF). RESET OUTPUT
EDV1	1080.01	0014.04 0016.02 1220.06	ENTRY FUNCTION. DIVIDE (FF). SET OUTPUT
EDV2	1080.02	0046.02 0052.02 0053.05	ENTRY FUNCTION. DIVIDE (FF). RESET OUTPUT
EKBD3	0002.01	1010.03 1020.03 1030.04 1040.03 1050.02 1060.02 1070.02 1080.03 1090.03 1100.04 1110.03 1120.03 1140.04 1640.03	ENTRY FUNCTION. KEYBOARD DELAY. INVERTER TRUE
EMDQ4	0016.01	0018.02 0084.02 0111.04 1170.03	ENTRY FUNCTION. MULT OR DIV OR SQ ROOT. INV FALSE
EMU1	1090.01	0016.02 0033.02	ENTRY FUNCTION. MULTIPLY (FF). SET OUTPUT
EMU2	1090.02	0034.02 0048.02 0059.02 0104.04 0105.03 0142.02 0164.02	ENTRY FUNCTION. MULTIPLY (FF). RESET OUTPUT
ERC2	1070.01	0115.03 0116.02	ENTRY FUNCTION. RECALL (FF). RESET OUTPUT
ERF3	0021.01	1020.04 1030.07 1040.04 1050.03 1060.03 1070.03 1080.04 1090.04 1120.04	ENTRY FUNCTION. RESET FUNCTION FF'S. INVERTER TRUE
EROF9	0003.01	0021.02 1100.07 1110.06 1130.05 1140.09 1200.07 1210.09 1220.09 1230.07 1240.05 1450.09 1460.05 1650.04	ENTRY FUNCTION. RESET OVERFLOW. EMITTER FOLLOWER TRU
ERP2	1060.01	0117.02 0118.03	ENTRY FUNCTION. REPEAT (FF). RESET OUTPUT
ESD1	1030.01	1100.03	ENTRY FUNCTION. SHIFT DOWN (FF). SET OUTPUT
ESD2	1030.02	0110.02 1030.03 1030.05 1030.06	ENTRY FUNCTION. SHIFT DOWN (FF). RESET OUTPUT

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F R I D E N INC
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TERM	DEFINED AT	USED IN EQUATIONS	DEFINITION
ESQ1	1120.01	0016.02 0061.02 0063.02 0084.02 0111.05 0300.03 1170.04	ENTRY FUNCTION, SQUARE ROOT (FF), SET OUTPUT
ESQ2	1120.02	0009.02 0011.02 0014.03 0050.02 0056.05 0057.10 0080.02 0112.05 0124.04 0125.02 0280.03 1160.03	ENTRY FUNCTION, SQUARE ROOT (FF), RESET OUTPUT
ESTA1	1010.01	1010.03	ENTRY FUNCTION, START (FF), SET OUTPUT
ESTA2	1010.02	0001.02	ENTRY FUNCTION, START (FF), RESET OUTPUT
ESTA3	0001.01	0003.03 1470.05	ENTRY FUNCTION, START, INVERTER TRUE
ESTO1	1040.01	1030.06	ENTRY FUNCTION, STORE (FF), SET OUTPUT
ESTO2	1040.02	0109.02	ENTRY FUNCTION, STORE (FF), RESET OUTPUT
HOME1	1470.01	0030.03 0102.03 0199.02 0300.02 0300.03 1100.05 1100.06 1110.05 1150.03 1160.05 1170.06 1170.07 1300.10 1450.05 1460.03 1460.04 1470.04	HOME (FF), SET OUTPUT
HOME2	1470.02	0200.02 1470.03 1550.05	HOME (FF), RESET OUTPUT
HOME3	0200.01	1490.05 1500.05	HOME, INVERTER TRUE
M1L4	0088.01	0102.04 0123.03 0300.02	MASTER FUNCTION, (SHIFT R)1 LEFT, INVERTER FALSE
M2L4	0086.01	0126.03 0300.03	MASTER FUNCTION, (SHIFT R)2 LEFT, INVERTER FALSE
M2LM3	0059.01	0007.03 0086.02	MASTER FUNCTION, (SHIFT R)2 LEFT IN MULT, INV TRUE
MA1L3	0076.01	0030.04 0036.02 0088.02	MASTER FUNCTION, ALIGN (SHIFT R)1 LEFT, INVERTER TRU
MAD4	0026.01	0096.02 0164.02 0178.02	MASTER FUCTION, ADD, INVERTER FALSE
MAID3	0046.01	0026.02 0086.02	MASTER FUNCTION, ADD IN DIVIDE, INVERTER TRUE
MAIM3	0048.01	0026.02 0030.02	MASTER FUNCTION, ADD IN MULTIPLY, INVERTER TRUE
MAIW3	0050.01	0026.02	MASTER FUNCTION, ADD IN SQUARE ROOT, INVERTER TRUE
MAIR3	0182.01	0185.02	MASTER FUNCTION, A (CTR) INC OR RESET, INV TRUE
MAIS3	0028.01	0026.02 1240.02	MASTER FUNCTION, ADD IN SIGN, INVERTER TRUE

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TERM	DEFINED AT	USED IN EQUATIONS	DEFINITION
MEIL3	0082.01	0088.02 1300.06 1310.05 1320.05 1330.05 1340.05 1650.02	MASTER FUNCTION, ENTRY (SHIFT R)1 LEFT, INV TRUE
MIAD3	0052.01	0030.05 0089.02 0091.02	MASTER FUNCTION, INC A (CTR) IN DIV, INV TRUE
MIAD4	0089.01	0106.04	MASTER FUNCTION, INC A (CTR) IN DIV, INV FALSE
MLIQ3	0067.01	0088.02 0300.02	MASTER FUNCT, (SHIFT) LEFT (R)1 IN SQ ROOT, INV TRUE
ML2Q3	0069.01	0014.03 0086.02	MASTER FUNCT, (SHIFT) LEFT (R)2 IN SQ ROOT, INV TRUE
MMDL3	0084.01	0088.02 0300.02 1170.07	MASTER FUNCT, MULT OR DIV (SHIFT R)1 LEFT, INV TRUE
MOFL3	0036.01	1100.05	MASTER FUNCTION, OVERFLOW LIGHT, INVERTER TRUE
MRL4	0262.01	0800.03	MASTER FUNCTION, REGISTER LENGTH, INVERTER FALSE
MRL5	0014.01	0262.02	MASTER FUNCTION, REGISTER LENGTH, COG TRUE
MSDS3	0055.01	0007.04 0091.02	MASTER FUNCTION, SUB IN DIV OR SIGN, INVERTER TRUE
MSID6	0053.01	0055.02	MASTER FUNCTION, SUBTRACT IN DIVIDE, COG FALSE
MSIQ6	0056.01	0055.02	MASTER FUNCTION, SUB IN SQ ROOT, COG FALSE
MSIS6	0029.01	0055.02	MASTER FUNCTION, SUBTRACT IN SIGN, COG FALSE
MSU4	0091.01	0093.02 0094.02 0174.02 0189.02	MASTER FUNCTION, SUBTRACT, INVERTER FALSE
P45D3	0018.01	1140.05	PHASE CTR, (STEP) 4 SET DEC (PT STORAGE FF), INV TRU
PC11	1190.01	0038.02 0044.02 0050.02 0052.02 0056.02 0061.02 0063.02 0065.02 0069.02 0072.05 0074.02 1190.04	PHASE COUNTER, COUNTER 1 (FF), SET OUTPUT
PC12	1190.02	0040.02 0046.02 0048.02 0053.02 0057.06 0059.02 0067.02 0071.02 0076.02 1180.03 1180.04 1190.03	PHASE COUNTER, COUNTER 1 (FF), RESET OUTPUT
PC21	1180.01	0036.02 0038.02 0046.02 0048.02 0052.02 0065.02 0076.02 1160.03 1170.03 1180.04	PHASE COUNTER, COUNTER 2 (FF), SET OUTPUT

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TERM	DEFINED AT	USED IN EQUATIONS	DEFINITION
PC22	1180.02	0040.02 0044.02 0053.03 0057.05 0059.02 0061.02 0063.02 0071.02 0072.04 0074.02 1170.05 1170.08 1180.03	PHASE COUNTER, COUNTER 2 (FF), RESET OUTPUT
PC41	1170.01	0036.02 0038.02 0053.04 0056.03 0057.04 0059.02 0061.02 0063.02 0065.02 0071.02 0072.03 0074.02 0076.02 1170.08	PHASE COUNTER, COUNTER 4 (FF), SET OUTPUT
PC42	1170.02	0018.02 0040.02 0044.02 0046.02 0048.02 0050.02 0052.02 0067.02 0069.02 1160.04	PHASE COUNTER, COUNTER 4 (FF), RESET OUTPUT
PC81	1160.01	0036.02 0038.02 0067.02 0069.02 0071.02 0072.02 0074.02 0076.02	PHASE COUNTER, COUNTER 8 (FF), SET OUTPUT
PC82	1160.02	0040.02 0044.02 0050.02 0056.04 0057.03 0065.02 1160.04	PHASE COUNTER, COUNTER 8 (FF), RESET OUTPUT
PE4F5	0007.01	1170.05	PHASE COUNTER, ENABLE (FF) 4, COG TRUE
PIC5	0030.01	1190.03 1190.04	PHASE COUNTER, INCREMENT COUNTER, COG TRUE
PJQ33	0009.01	1160.05 1170.06	PHASE CTR, JUMP IN SQ ROOT (STEP 14 TO) 3, INV TRUE
PS144	0044.01	0006.02 0009.02 0080.02 0084.02 0103.03 0110.03 0115.04 0116.04 0117.03 0118.02 0125.04 0127.02 0131.02	PHASE COUNTER, STEP 14, INVERTER FALSE
PS153	0040.01	0041.02 1100.06 1110.05	PHASE COUNTER, STEP 15, INVERTER TRUE
PS154	0041.01	0028.02 0029.02 0082.02 0109.04 0111.02 0112.02 0124.03 0280.02	PHASE COUNTER, STEP 15, INVERTER FALSE
PS33	0071.01	0007.02	PHASE COUNTER, STEP 3, INVERTER TRUE
PSZ3	0038.01	0235.02 0257.02	PHASE COUNTER, STEP ZERO, INVERTER TRUE
R10Q6	0280.01	0129.02	

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TERM	DEFINED AT	USED IN EQUATIONS	DEFINITION
RCM3	0133.01	0155.02 0162.02 0170.02	REGISTER CONTROL, COMPLEMENT, INVERTER TRUE
RCRO3	0074.01	0170.02 0182.02 1140.07 1210.03 1220.03	REGISTER CONTROL, CLEAR RO, INVERTER TRUE
RCY3	0078.01	0182.02	REGISTER CONTROL, CLEAR DISPLAY, INVERTER TRUE
RDMD6	0111.01	0114.02	REG CONTROL, (SHIFT) DOWN IN MULT OR DIV, COG FALSE
REID4	0162.01	0166.02	REGISTER CONTROL, ENABLE INC D (CTR), INV FALSE
RERD3	0131.01	0170.02	REGISTER CONTROL, ENABLE RESET D (CTR), INV TRUE
RESD3	0114.01	0144.02	REGISTER CONTROL, ENABLE SHIFT DOWN, INVERTER TRUE
RIAC6	0107.01	0139.02	REGISTER CONTROL, INC A (CTR) IN COMP, COG FALSE
RIAD6	0106.01	0139.02	REGISTER CONTROL, INC A (CTR) IN DIV, COG FALSE
RIAM6	0104.01	0139.02	REG CON, INC A (CTR FOR CARRY) IN MULT, COG FALSE
RIAQ6	0057.01	0139.02	REG CONTROL, INC A (CTR) IN SQ ROOT, COG FALSE
RIAS6	0103.01	0139.02	REG CONTROL, INC A (CTR) IN (CHG) SIGN, COG FALSE
RIMC6	0105.01	0139.02	REG CON, INC(A CTR)IN MLT CARRY(FROM CARRY), COG FAL
RO1Q6	0124.01	0129.02	REG CONTROL, (SHIFT R)0 TO (R)1 IN SQ ROOT, COG FALS
ROLQ6	0125.01	0129.02	REG CONTROL, (SHIFT R)0 LEFT IN SQ ROOT, COG FALSE
RRCU6	0115.01	0122.02	REG CONTROL, RECALL (SHIFT) UP (D TO B), COG FALSE
RRPU6	0118.01	0122.02	REG CONTROL, REPEAT (SHIFT) UP (D TO B), COG FALSE
RRRU3	0122.01	0155.02	REGISTER CONTROL, REPEAT OR RECALL SHIFT UP, INV TRU
RS1L6	0123.01	0129.02	REGISTER CONTROL, SHIFT (R)1 LEFT, COG FALSE
RS2L6	0126.01	0129.02	REGISTER CONTROL, SHIFT (R)2 LEFT, COG FALSE
RSCT3	0006.01	1150.04 1150.05	REGISTER CONTROL, SIGN CONTROL TOGGLE, INV TRUE
RSD6	0110.01	0114.02	REGISTER CONTROL, SHIFT DOWN, COG FALSE
RSDQ6	0112.01	0114.02	REGISTER CONTROL, SHIFT DOWN IN SQ ROOT, COG FALSE
RSDS6	0109.01	0114.02	REGISTER CONTROL, SHIFT DOWN IN STORE, COG FALSE

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TERM	DEFINED AT	USED IN EQUATIONS	DEFINITION
RSLO5	0300.01	0138.02 0170.02 1240.03	REGISTER CONTROL, SHIFT LEFT OVERFLOW, COG TRUE
RSUL3	0129.01	0151.02 0155.02	REGISTER CONTROL, SHIFT UP OR LEFT, INVERTER TRUE
RSUQ6	0072.01	0129.02	REGISTER CONTROL, SHIFT UP IN SQ ROOT, COG FALSE
RTR13	0061.01	0144.02 0155.02	REGISTER CONTROL, TRANSFER REG 1 (TO R0), INV TRUE
RUDE6	0127.01	0129.02	REGISTER CONTROL, (SHIFT) UP DIGIT ENTRY, COG FALS
RURC6	0116.01	0121.02	REG CONTROL, (SHIFT) UP (A TO D) RECALL, COG FALSE
RURP6	0117.01	0121.02	REG CONTROL, (SHIFT) UP (A TO D) REPEAT, COG FALSE
RURR3	0121.01	0151.02	REG CONTROL, (SHIFT) UP IN REPEAT OR RECALL, INV T
SAB9	0158.01	1350.03 1350.05 1360.03 1360.05 1370.03 1370.05 1380.03 1380.05 1390.03 1390.05	SHIFT CONTROL, (SHIFT) A TO B, EMITTER FOLLOWER TR
SAC9	0149.01	1400.04 1410.04 1420.04 1430.04 1440.04	SHIFT CONTROL, (SHIFT) A TO C, EMITTER FOLLOWER TR
SAD9	0153.01	1300.04 1300.08 1310.04 1310.07 1320.04 1320.07 1330.04 1330.07 1340.04 1340.07	SHIFT CONTROL, (SHIFT) A TO D, EMITTER FOLLOWER TR
SBC9	0147.01	1400.03 1410.03 1420.03 1430.03 1440.03	SHIFT CONTROL, (SHIFT) B TO C, EMITTER FOLLOWER TR
SDA9	0174.01	1250.04 1250.06 1260.04 1260.06 1270.04 1270.08 1280.04 1280.06 1290.04 1290.07	SHIFT CONTROL, (SHIFT) D TO A, EMITTER FOLLOWER TR
SDB9	0160.01	1350.04 1350.06 1360.04 1360.06 1370.04 1370.06 1380.04 1380.06 1390.04 1390.06	SHIFT CONTROL, (SHIFT) D TO B, EMITTER FOLLOWER TR
SEAB4	0156.01	0158.02	SHIFT CONTROL, ENABLE (SHIFT) A TO B, INVERTER FAL
SEAC4	0144.01	0145.02 0149.02	SHIFT CONTROL, ENABLE (SHIFT) A TO C, INVERTER FAL

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TERM	DEFINED AT	USED IN EQUATIONS	DEFINITION
SEAD4	0151.01	0153.02	SHIFT CONTROL, ENABLE (SHIFT) A TO D, INVERTER FALSE
SEBC4	0145.01	0147.02	SHIFT CONTROL, ENABLE (SHIFT) B TO C, INVERTER FALSE
SEDB4	0155.01	0156.02 0160.02	SHIFT CONTROL, ENABLE (SHIFT) D TO B, INVERTER FALSE
TB154	0204.01	0080.02 0147.02 0149.02 0153.02 0158.02 0160.02 0168.02 0172.02 0174.02 0178.02	TIMING, B15, INVERTER FALSE
TBX3	0216.01	0222.02	TIMING, B14 OR B15, INVERTER TRUE
TC013	0249.01	0800.02	TIMING, C0 OR C1, INVERTER TRUE
TC03	0251.01	0078.02 0145.02 0149.02 0156.02 0160.02	TIMING, C0, INVERTER TRUE
TC13	0243.01	0244.02 1380.07 1390.07	TIMING, C1, INVERTER TRUE
TC14	0244.01	0006.02 0063.02 0065.02 0103.05 0107.03 1240.04	TIMING, C1, INVERTER FALSE
TC153	0260.01	0149.02 0261.02 1630.03	TIMING, C15, INVERTER TRUE
TC154	0261.01	0014.05 0164.02 0300.02 0300.03	TIMING, C15, INVERTER FALSE
TC23	0246.01	0247.02 1630.02	TIMING, C2, INVERTER TRUE
TC24	0247.01	0057.09 0080.02 0105.05 0106.03 0227.02	TIMING, C2, INVERTER FALSE
TCLK1	1480.01	1480.04	TIMING, CLOCK (FF), SET OUTPUT
TCLK2	1480.02	0222.02 1480.03 1490.03 1490.04	TIMING, CLOCK (FF), RESET OUTPUT
TCX5	0800.01	0093.02 0096.02 0123.04 0125.03 0126.02 0133.02 0174.02 0178.02	TIMING, C0 OR C1 OR C15, COG TRUE
TFA1	1490.01	0234.02 1490.04	TIMING, FF A, SET OUTPUT
TFA2	1490.02	0204.02 0225.02 1490.03 1500.03 1500.04	TIMING, FF A, RESET OUTPUT
TFB1	1500.01	0234.02 1500.04	TIMING, FF B, SET OUTPUT

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TERM	DEFINED AT	USED IN EQUATIONS	DEFINITION
TFB2	1500.02	0204.02 0216.02 0225.02 1500.03 1510.03 1510.04	TIMING, FF B, RESET OUTPUT
TFC1	1510.01	0234.02 1510.04	TIMING, FF C, SET OUTPUT
TFC2	1510.02	0204.02 0216.02 0225.02 0235.02 1510.03 1520.03 1520.04	TIMING, FF C, RESET OUTPUT
TFD1	1520.01	0227.02 0235.02 1380.07 1390.07 1520.04	TIMING, FF D, SET OUTPUT
TFD2	1520.02	0204.02 0216.02 0232.02 0235.02 1520.03 1530.03 1530.04	TIMING, FF D, RESET OUTPUT
TFE1	1530.01	0232.02 0235.02 0237.02 0257.02 1530.04	TIMING, FF E, SET OUTPUT
TFE2	1530.02	0126.04 0235.02 0240.02 0257.02 1530.03 1540.04 1540.05	TIMING, FF E, RESET OUTPUT
TFF1	1540.01	0006.02 0126.05 0235.02 0237.02 0257.02 1540.05	TIMING, FF F, SET OUTPUT
TFF2	1540.02	0112.04 0235.02 0257.02 1540.04 1550.03 1550.04	TIMING, FF F, RESET OUTPUT
TFG1	1550.01	0072.06 0078.02 0110.04 0111.03 0112.03 0115.02 0118.05 0127.03 0235.02 0237.02 1550.04	TIMING, FF G, SET OUTPUT
TFG2	1550.02	0057.07 0201.02 0232.02 0240.02 0257.02 1550.03	TIMING, FF G, RESET OUTPUT
TFG3	0201.01	1540.03 1560.03 1560.04	TIMING, FF G RESET, INVERTER TRUE
TFH1	1560.01	0214.02 0246.02 0251.02 1560.04	TIMING, FF H, SET OUTPUT
TFH2	1560.02	0214.02 0243.02 0260.02 1560.03 1570.03 1570.04	TIMING, FF H, RESET OUTPUT
TFJ1	1570.01	0214.02 0243.02 0249.02 0251.02 1570.04	TIMING, FF J, SET OUTPUT

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TERM	DEFINED AT	USED IN EQUATIONS	DEFINITION
TFJ2	1570.02	0214.02 0246.02 0260.02 1570.03 1580.03 1580.04	TIMING, FF J, RESET OUTPUT
TFK1	1580.01	0214.02 0243.02 0246.02 0249.02 0251.02 1580.04	TIMING, FF K, SET OUTPUT
TFK2	1580.02	0214.02 0260.02 1580.03 1590.03 1590.04	TIMING, FF K, RESET OUTPUT
TFL1	1590.01	0214.02 0243.02 0246.02 0249.02 0251.02 1590.04	TIMING, FF L, SET OUTPUT
TFL2	1590.02	0214.02 0260.02 1470.03 1590.03 1600.03 1600.04 1620.03	TIMING, FF L, RESET OUTPUT
TFM1	1600.01	0230.02 0257.02 1600.04	TIMING, FF M, SET OUTPUT
TFM2	1600.02	0257.02 1600.03 1610.03 1610.04	TIMING, FF M, RESET OUTPUT
TFN1	1610.01	0230.02 0257.02 1610.04	TIMING, FF N, SET OUTPUT
TFN2	1610.02	0257.02 1610.03 1620.04	TIMING, FF N, RESET OUTPUT
TFP1	1620.01	1600.05 1620.04	TIMING, FF P, SET OUTPUT
TFP2	1620.02	1620.03	TIMING, FF P, RESET OUTPUT
TOSC3	0199.01	1480.03 1480.04	TIMING, OSCILLATOR, INVERTER TRUE
TOSC4	EXT INPUT	0199.02	TIMING, OSCILLATOR, INVERTER FALSE
TR03	0240.01	0057.08 0116.03 0241.02	TIMING, R0, INVERTER TRUE
TR04	0241.01	0065.02 0074.02 0080.02 0093.02 0096.02 0103.04 0107.04 0109.03 0124.02 0125.06 0131.02 0174.02 0178.02 0227.02 0235.02	TIMING, R0, INVERTER FALSE
TR13	0237.01	0118.04 0238.02	TIMING, R1, INVERTER TRUE
TR14	0238.01	0061.02 0063.02 0104.05 0105.02 0106.02 0123.02 0133.02 0164.02 0235.02 0280.04	TIMING, R1, INVERTER FALSE
XAS7	EXT INPUT	1020.03	EXTERNAL INPUT ADD OR SUBTRACT (KEY), EXTERNAL TRUE

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TERM	DEFINED AT	USED IN EQUATIONS	DEFINITION
XB157	EXT INPUT	1340.05	EXTERNAL INPUT. (CODE) BAR 1 THRU 5. EXTERNAL TRUE
XB267	EXT INPUT	1330.05	EXTERNAL INPUT. (CODE) BAR 2 THRU 6. EXTERNAL TRUE
XB377	EXT INPUT	1320.05	EXTERNAL INPUT. (CODE) BAR 3 THRU 7. EXTERNAL TRUE
XB487	EXT INPUT	1310.05	EXTERNAL INPUT. (CODE) BAR 4 THRU 8. EXTERNAL TRUE
XB597	EXT INPUT	1300.06	EXTERNAL INPUT. (CODE) BAR 5 THRU 9. EXTERNAL TRUE
XCD7	EXT INPUT	1110.03	EXTERNAL INPUT. COMMON DIGIT (SWITCH). EXTERNAL TRUE
XCE7	EXT INPUT	1030.04 1240.04 1650.03	EXTERNAL INPUT. CLEAR ENTRY (KEY). EXTERNAL TRUE
XCF7	EXT INPUT	1100.04	EXTERNAL INPUT. COMMON FUNCTION (SWITCH). EXT TRUE
XCS7	EXT INPUT	1050.02	EXTERNAL INPUT. CHANGE SIGN (KEY). EXTERNAL TRUE
XCY7	EXT INPUT	1640.04	EXTERNAL INPUT. CLEAR DISPLAY (KEY). EXTERNAL TRUE
XD107	EXT INPUT	1200.03	EXT INPUT. DECIMAL (SWITCH TERMINAL) 10. EXT TRUE
XD117	EXT INPUT	1210.04	EXT INPUT. DECIMAL (SWITCH TERMINAL) 11. EXT TRUE
XD127	EXT INPUT	1220.04	EXT INPUT. DECIMAL (SWITCH TERMINAL) 12. EXT TRUE
XD137	EXT INPUT	0011.02 1210.03 1230.03	EXT INPUT. DECIMAL (SWITCH TERMINAL) 13. EXT TRUE
XD147	EXT INPUT	1200.04	EXT INPUT. DECIMAL (SWITCH TERMINAL) 14. EXT TRUE
XD157	EXT INPUT	1210.05	EXT INPUT. DECIMAL (SWITCH TERMINAL) 15. EXT TRUE
XD167	EXT INPUT	1220.05	EXT INPUT. DECIMAL (SWITCH TERMINAL) 16. EXT TRUE
XD177	EXT INPUT	1230.04	EXT INPUT. DECIMAL (SWITCH TERMINAL) 17. EXT TRUE
XD17	EXT INPUT	0214.02	EXT INPUT. DECIMAL (SWITCH TERMINAL) 1. EXT TRUE
XD197	EXT INPUT	1210.06	EXT INPUT. DECIMAL (SWITCH TERMINAL) 19. EXT TRUE
XD27	EXT INPUT	0214.02	EXT INPUT. DECIMAL (SWITCH TERMINAL) 2. EXT TRUE
XD47	EXT INPUT	0214.02	EXT INPUT. DECIMAL (SWITCH TERMINAL) 4. EXT TRUE
XD57	EXT INPUT	0214.02	EXT INPUT. DECIMAL (SWITCH TERMINAL) 5. EXT TRUE
XD67	EXT INPUT	0214.02	EXT INPUT. DECIMAL (SWITCH TERMINAL) 6. EXT TRUE
XD77	EXT INPUT	0214.02	EXT INPUT. DECIMAL (SWITCH TERMINAL) 7. EXT TRUE

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TERM	DEFINED AT	USED IN EQUATIONS	DEFINITION
XD87	EXT INPUT	0214.02	EXT INPUT, DECIMAL (SWITCH TERMINAL) 8, EXT TRUE
XD97	EXT INPUT	0214.02	EXT INPUT, DECIMAL (SWITCH TERMINAL) 9, EXT TRUE
XDP7	EXT INPUT	1110.04 1140.04	EXTERNAL INPUT, DECIMAL POINT (KEY), EXTERNAL TRUE
XDV7	EXT INPUT	1080.03	EXTERNAL INPUT, DIVIDE (KEY), EXTERNAL TRUE
XKBD5	EXT INPUT	0002.02	EXTERNAL INPUT, KEYBOARD DELAY, EXTERNAL TRUE
XMU7	EXT INPUT	1090.03	EXTERNAL INPUT, MULTIPLY (KEY), EXTERNAL TRUE
XOF7	EXT INPUT	0003.02	EXTERNAL INPUT, OVERFLOW (KEY), EXTERNAL TRUE
XRC7	EXT INPUT	1070.02	EXTERNAL INPUT, RECALL (KEY), EXTERNAL TRUE
XRDL4	EXT INPUT	0006.02 0166.02 0182.02	EXTERNAL INPUT, READ DELAY LINE, EXTERNAL FALSE
XRP7	EXT INPUT	1060.02	EXTERNAL INPUT, REPEAT (KEY), EXTERNAL TRUE
XSQ7	EXT INPUT	1120.03	EXTERNAL INPUT, SQUARE ROOT (KEY), EXTERNAL TRUE
XST7	EXT INPUT	1040.03	EXTERNAL INPUT, STORE (KEY), EXTERNAL TRUE
XSU7	EXT INPUT	1150.06	EXTERNAL INPUT, SUBTRACT (KEY), EXTERNAL TRUE
YBDP3	0232.01	0235.02 0274.04 0275.04	DISPLAY, BLANK DECIMAL POINT, INVERTER TRUE
YBL5	0700.01		DISPLAY, BLANK, COG TRUE
YBLE3	0234.01	0700.03	DISPLAY, BLANK LEADING EDGE, INVERTER TRUE
YBMS3	0227.01	0235.02	DISPLAY, BLANK MINUS SIGN, INVERTER TRUE
YBMX3	0235.01	0700.04	DISPLAY, BLANK (FROM) MATRIX, INVERTER TRUE
YBTE3	0225.01	0700.02	DISPLAY, BLANK TRAILING EDGE, INVERTER TRUE
YCPR3	0258.01	0151.02	DISPLAY, COMPARE, INVERTER TRUE
YCPR4	0257.01	0258.02 1630.02 1630.03	DISPLAY, COMPARE, INVERTER FALSE
YD16	0274.01		DISPLAY, DIGIT ONE (OFFSET), COG FALSE
YD76	0275.01		DISPLAY, DIGIT SEVEN (OFFSET), COG FALSE
YDPS4	0214.01	0232.02	DISPLAY, DECIMAL POINT SWITCH, INVERTER FALSE
YR1D3	0230.01	0232.02	DISPLAY, R1 DECIMAL (BLANKING), INVERTER TRUE

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TERM	DEFINED AT	USED IN EQUATIONS	DEFINITION
YYC1	1630.01	0235.02	DISPLAY, DISPLAY CONTROL, SET OUTPUT

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SECTION II - LOGIC EQUATIONS

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0001.00.00 ESTA3     INV       AB
     01.00 BB2602R   O1=ESTA3
                        1010
     02.00 BB2515DA  I1=ESTA2

0002.00.00 EKBD3     INV       AB
     01.00 BB0316R   O1=EKBD3
                        XXXX
     02.00 BB0417R   I1=XKBD5

0003.00.00 EROF9     INV       AC
     01.00 BB0102R   O1=EROF9
                        XXXX
     02.00 BB0204DA  I1=XOF7
                        0001
     03.00 BB0401DA  I2=ESTA3
                        1640
     04.00 BB0205DA  I3=ECY1

0006.00.00 RSCT3     INV       AB
     01.00 CB2217R   O1=RSCT3
                        XXXX      1540      1020      0244      0044
     02.00 CB2123R   I1=XRDL4     TFF1      EAS2      TC14      PS144     +
     02.01    01        A1         A2        A3        A4        A5

     02.02              A(0005) CB2225DA CB1925DA CB1923DA CB1924DA CB1917DA =CB2021R

0007.00.00 PE4F5     COG       AB
     01.00 DB0301R   O1=PE4F5
                        0071
     02.00 DB0122DA  I1=PS33
                        0059
     03.00 DB0102DA  I2=MZLM3
                        0055
     04.00 DB0103DA  I3=MSDS3

0009.00.00 PJQ33     INV       AB
     01.00 DB1002R   O1=PJQ33
                        0044      0101      1120
     02.00 DB0906R   I1=PS144     DSZ3      ESQ2      +
     02.01    01        A1         A2        A3

     02.02              A(0008) DB0908DA DB0907DA DB0706DA =DB0807R

0011.00.00 DPOQ3     INV       AB
     01.00 AB2319R   O1=DPOQ3
                        XXXX      1120
     02.00 AB2415R   I1=XD137     ESQ2      +
     02.01    01        A1         A2

     02.02              A(0010) AB2314DA AB2312DA =AB2413R

0014.00.00 MRL5      COG       AC
     01.00 GB2406R   O1=MRL5
                        0011
     02.00 AB2519DA  I1=DPOQ3
                        1120      0069
     03.00 AB2517DA  I2=(ESQ2     ML2Q3     +)'
     03.01    01        A1         A2
     03.02    02                             AB1

     03.03              A(0012) AB2311DA AB2511DA =AB2612R  B(0013) AB2613R  =AB2518R
                        1080
     04.00 AB2515DA  I3=EDV1
                        0261
     05.00 GB2605DA  I4=TC154

0016.00.00 EMDQ4     INV       AB
     01.00 AB1606R   O1=EMDQ4
                        1120      1080      1090
     02.00 AB1504R   I1=ESQ1      EDV1      EMU1      +
     02.01    01        A1         A2        A3

     02.02              A(0015) AB1305DA AB1304DA AB1603DA =AB1406R

0018.00.00 P4SD3     INV       AB
     01.00 DB0801R   O1=P4SD3
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0018.00.00 P49D3     INV       AB CONTINUED FROM PREVIOUS PAGE
                        0016      1170
     02.00 DB0501R  I1=EMDQ4     PC42      +
     02.01     01       A1        A2

     02.02             A(0017) DB0302DA DB0303DA =DB0603R

0021.00.00 ERF3      INV       AB
     01.00 BB1212R  O1=ERF3
                        0003      0023
     02.00 BB1113R  I1=(EROF9     ECFD4     +)'
     02.01     01       A1        A2
     02.02     02                           AB1

     02.03             A(0019) BB1120DA BB0919DA =BB1218R  B(0020) BB1217R  =BB1111R

0023.00.00 ECFD4     INV       AC
     01.00 BB0717R  O1=ECFD4
                        1100      1110
     02.00 BB1013R  I1=ECF1      ECD1      +
     02.01     01       A1        A2

     02.02             A(0022) BB0912DA BB1216DA =BB1016R

0026.00.00 MAD4      INV       AB
     01.00 CB0319R  O1=MAD4
                        0050      0046      0048      0028                1460
     02.00 CB0418R  I1=MAIQ3     MAID3     MAIM3     MAIS3     +         ACOF2     .
     02.01     01       A1        A2        A3        A4
     02.02     02                                              AB1       B2

     02.03             A(0024) CB0426DA CB0425DA CB0427DA CB0324DA =CB0323R
     02.04             B(0025) CB0321DC CB0621DA =CB0422DA

0028.00.00 MAIS3     INV       AB
     01.00 CB0320R  O1=MAIS3
                        1150      1020      0041
     02.00 CB0221R  I1=ASC2      EAS2      PS154     +
     02.01     01       A1        A2        A3

     02.02             A(0027) CB0222DA CB0224DA CB0225DA =CB0123R

0029.00.00 MSIS6     COG       AB
     01.00 CB0127R  O1=MSIS6
                        0041
     02.00 CB0226DA I1=PS154
                        1150
     03.00 CB0128DA I2=ASC1

0030.00.00 PIC5      INV       AB
     01.00 DB2210R  O1=PIC5
                        0048
     02.00 DB1909DA I1=MAIM3
                        1470
     03.00 DB2105DA I2=HOME1
                        0076
     04.00 DB2309DA I3=MAIL3
                        0052
     05.00 DB2109DA I4=MIAD3

0032.00.00 DBSL3     INV       AB
     01.00 AB2409R  O1=DBSL3
                        1130      1140
     02.00 AB2305R  I1=ECFS2     EDPS2     +
     02.01     01       A1        A2

     02.02             A(0031) AB2302DA AB2303DA =AB2410R

0033.00.00 DEDS3     INV       AB
     01.00 AB2610R  O1=DEDS3
                        1090
     02.00 AB2505R  I1=EMU1

0034.00.00 DMUS3     INV       AB
     01.00 AB2509R  O1=DMUS3
                        1090
     02.00 AB2606R  I1=EMU2
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0036.00.00 MOFL3    INV       AB
     01.00 DB0810R  O1=MOFL3
                      1240      0076      1180      1170      1160
     02.00 DB0717R  I1=AOFL2    MAIL3     PC21      PC41      PC81      +
     02.01    01       A1        A2        A3        A4        A5

     02.02             A(0035) DB0322DA DB0722DA DB0723DA DB0728DA DB0729DA =DB0818R

0038.00.00 PSZ3     INV       AB
     01.00 DB1010R  O1=PSZ3
                      1160      1170      1180      1190      1460
     02.00 DB1017R  I1=PC81     PC41      PC21      PC11      ACOF1     +
     02.01    01       A1        A2        A3        A4        A5

     02.02             A(0037) DB0730DA DB0929DA DB0930DA DB0928DA DB0922DA =DB1018R

0040.00.00 PS153    INV       AB
     01.00 DB0716R  O1=PS153
                      1190      1180      1170      1160
     02.00 DB0819R  I1=PC12     PC22      PC42      PC82      +
     02.01    01       A1        A2        A3        A4

     02.02             A(0039) DB0724DA DB0725DA DB0727DA DB0726DA =DB0820R

0041.00.00 PS154    INV       AB
     01.00 DB1510R  O1=PS154
                      0040
     02.00 DB0715DA I1=PS153

0044.00.00 PS144    INV       AB
     01.00 DB1110R  O1=PS144
                      1160      1170      1180      1190
     02.00 DB0916R  I1=(PC82     PC42      PC22      PC11      +)'
     02.01    01       A1        A2        A3        A4
     02.02    02                                             AB1

     02.03             A(0042) DB0925DA DB0927DA DB0924DA DB0926DA =DB1020R
     02.04             B(0043) DB1019R  =DB0909R

0046.00.00 MAID3    INV       AB
     01.00 DB1209R  O1=MAID3
                      1170      1180      1190      1080      0101
     02.00 DB1118R  I1=PC42     PC21      PC12      EDV2      DSZ3      +
     02.01    01       A1        A2        A3        A4        A5

     02.02             A(0045) DB1128DA DB1127DA DB1125DA DB1120DA DB1121DA =DB1219R

0048.00.00 MAIM3    INV       AB
     01.00 DB1309R  O1=MAIM3
                      1190      1180      1170      1090      0196
     02.00 DB1115R  I1=PC12     PC21      PC42      EMU2      CDZ3      +
     02.01    01       A1        A2        A3        A4        A5

     02.02             A(0047) DB1124DA DB1130DA DB1129DA DB1123DA DB1122DA =DB1216R

0050.00.00 MAIQ3    INV       AB
     01.00 DB1710R  O1=MAIQ3
                      1170      1160      1190      1120
     02.00 DB1515R  I1=PC42     PC82      PC11      ESQ2      +
     02.01    01       A1        A2        A3        A4

     02.02             A(0049) DB1327DA DB1126DA DB1328DA DB1318DA =DB1415R

0052.00.00 MIAD3    INV       AC
     01.00 DB1708R  O1=MIAD3
                      1170      1190      1180      1080      1460
     02.00 DB1516R  I1=PC42     PC11      PC21      EDV2      ACOF1     +
     02.01    01       A1        A2        A3        A4        A5

     02.02             A(0051) DB1530DA DB1329DA DB1323DA DB1320DA DB1319DA =DB1716R

0053.00.00 MSID6    COG       AB
     01.00 DB1720R  O1=MSID6
                      1190
     02.00 DB1324DA I1=PC12
                      1180
     03.00 DB1325DA I2=PC22
                      1170
     04.00 DB1326DA I3=PC41
```

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```
0053.00.00 MSID6     COG       AB CONTINUED FROM PREVIOUS PAGE
                        1080
     05.00 DB1322DA  I4=EDV2

0055.00.00 MSDS3     INV       AB
     01.00 DB1410R   O1=MSDS3
                        0029      0053      0056
     02.00 DB1316R   I1=MSIS6     MSID6     MSIQ6     .
     02.01    01       A1        A2        A3

     02.02              A(0054) DB1217DC DB1421DC DB1417DC =DB1317DA

0056.00.00 MSIQ6     COG       AB
     01.00 DB1717R   O1=MSIQ6
                        1190
     02.00 DB1529DA  I1=PC11
                        1170
     03.00 DB1527DA  I2=PC41
                        1160
     04.00 DB1528DA  I3=PC82
                        1120
     05.00 DB1517DA  I4=ESQ2

0057.00.00 RIAQ6     COG       AB
     01.00 DB1718R   O1=RIAQ6
                        1460
     02.00 DB1519DA  I1=ACOF1
                        1160
     03.00 DB1727DA  I2=PC82
                        1170
     04.00 DB1525DA  I3=PC41
                        1180
     05.00 DB1526DA  I4=PC22
                        1190
     06.00 DB1524DA  I5=PC12
                        1550
     07.00 DB1521DA  I6=TFG2
                        0240
     08.00 DB1520DA  I7=TR03
                        0247
     09.00 DB1523DA  I8=TC24
                        1120
     10.00 DB1518DA  I9=ESQ2

0059.00.00 M2LM3     COG       AB
     01.00 DB1809R   O1=M2LM3
                        1190      1180      1170      1090
     02.00 DB1917R   I1=PC12      PC22      PC41      EMU2      .
     02.01    01       A1        A2        A3        A4

     03.02              A(0058) DB1724DA DB1726DA DB1725DA DB1721DA =DB1918R

0061.00.00 RTR13     INV       AB
     01.00 DB1815R   O1=RTR13
                        1170      1180      1190      0238      1120
     02.00 DB2021R   I1=PC41      PC22      PC11      TR14      ESQ1      .
     02.01    01       A1        A2        A3        A4        A5

     02.02              A(0060) DB1728DA DB1730DA DB1729DA DB1723DA DB1722DA =DB2020R

0063.00.00 AIRX3     INV       AB
     01.00 DB2015R   O1=AIRX3
                        1190      1180      1170      1120      0238      0244
     02.00 DB2216R   I1=PC11      PC22      PC41      ESQ1      TR14      TC14      .
     02.01    01       A1        A2        A3        A4        A5        A6

     02.02              A(0062) DB1929DA DB1930DA DB1928DA DB2122DA DB2323DA DB1922DA =DB2016R
     02.03

0065.00.00 ASCQ3     INV       AB
     01.00 DB2316R   O1=ASCQ3
                        1160      1170      1180      1190      0244      0241
     02.00 DB2118R   I1=PC82      PC41      PC21      PC11      TC14      TR04      .
     02.01    01       A1        A2        A3        A4        A5        A6

     02.02              A(0064) DB1927DA DB1926DA DB1924DA DB1925DA DB1923DA DB1919DA =DB2119R
     02.03
```

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```
0067.00.00 ML1Q3     INV       AB
     01.00 DB2115R   O1=ML1Q3
                       1160      1170      1190
     02.00 DB2221R   I1=PC81     PC42      PC12      +
     02.01    01       A1        A2        A3

     02.02              A(0066) DB2125DA DB2123DA DB2124DA =DB2120R

0069.00.00 ML2Q3     INV       AB
     01.00 DB2417R   O1=ML2Q3
                       1160      1170      1190
     02.00 DB2318R   I1=PC81     PC42      PC11      +
     02.01    01       A1        A2        A3

     02.02              A(0068) DB2126DA DB2130DA DB2129DA =DB2319R

0071.00.00 PS33      INV       AB
     01.00 DB2315R   O1=PS33
                       1160      1170      1180      1190
     02.00 DB2421R   I1=PC81     PC41      PC22      PC12      +
     02.01    01       A1        A2        A3        A4

     02.02              A(0070) DB2325DA DB2127DA DB2128DA DB2324DA =DB2420R

0072.00.00 RSUQ6     COG       AB
     01.00 DB2617R   O1=RSUQ6
                       1160
     02.00 DB2530DA  I1=PC81
                       1170
     03.00 DB2528DA  I2=PC41
                       1180
     04.00 DB2330DA  I3=PC22
                       1190
     05.00 DB2529DA  I4=PC11
                       1550
     06.00 DB2523DA  I5=TFG1

0074.00.00 RCRO3     INV       AB
     01.00 DB2610R   O1=RCRO3
                       1190      1180      1170      1160      0241
     02.00 DB2515R   I1=PC11     PC22      PC41      PC81      TR04      +
     02.01    01       A1        A2        A3        A4        A5

     02.02              A(0073) DB2328DA DB2329DA DB2327DA DB2326DA DB2322DA =DB1719R

0076.00.00 MA1L3     INV       AB
     01.00 DB2509R   O1=MA1L3
                       1170      1160      1180      1190      1100      0101
     02.00 DB2619R   I1=PC41     PC81      PC21      PC12      ECF2      DSZ3      +
     02.01    01       A1        A2        A3        A4        A5        A6

     02.02              A(0075) DB2527DA DB2526DA DB2524DA DB2525DA DB2521DA DB2520DA =DB2618R
     02.03

0078.00.00 RCY3      INV       AB
     01.00 BB1516R   O1=RCY3
                       1550      0251      1640
     02.00 BB1319R   I1=TFG1     TC03      ECY2      +
     02.01    01       A1        A2        A3

     02.02              A(0077) BB1623DA BB1320DA BB1620DA =BB1219R

0080.00.00 AIRQ3     INV       AB
     01.00 CB1722R   O1=AIRQ3
                       0204      0241      0247      1120      0044
     02.00 CB1725R   I1=TB154     TR04      TC24      ESQ2      PS144     +
     02.01    01       A1        A2        A3        A4        A5

     02.02              A(0079) CB0920DA CB1120DA CB1727DA CB1520DA CB1320DA =CB1723R

0082.00.00 ME1L3     INV       AB
     01.00 AB0529R   O1=ME1L3
                       0032      1110      0099      0041
     02.00 AB0626R   I1=DBSL3     ECD2      DBDE3     PS154     +
     02.01    01       A1        A2        A3        A4

     02.02              A(0081) AB0824DA AB0822DA AB0530DA AB0825DA =AB0723R
```

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```
0084.00.00 MMDL3     INV       AB
     01.00 DB2102R   O1=MMDL3
                       1120      0101      0016      0044
     02.00 DB1906R   I1=ESQ1     DSZ3      EMDQ4     PS144     +
     02.01    01       A1        A2        A3        A4

     02.02              A(0083) DB1908DA DB1107DA DB0705DA DB1108DA =DB1907R

0086.00.00 M2L4      INV       AB
     01.00 DB1902R   O1=M2L4
                       0046      0059      0069
     02.00 DB1706R   I1=MAID3    M2LM3     ML2Q3     +
     02.01    01       A1        A2        A3

     02.02              A(0085) DB1707DA DB1901DA DB1701DA =DB2101R

0088.00.00 M1L4      INV       AB
     01.00 DB1702R   O1=M1L4
                       0084      0082      0076      0067
     02.00 DB1506R   I1=MMDL3    ME1L3     MA1L3     ML1Q3     +
     02.01    01       A1        A2        A3        A4

     02.02              A(0087) DB1101DA DB0901DA DB1509DA DB1508DA =DB1501R

0089.00.00 MIAD4     INV       AB
     01.00 DB1502R   O1=MIAD4
                       0052
     02.00 DB1306R   I1=MIAD3

0091.00.00 MSU4      INV       AB
     01.00 DB1202R   O1=MSU4
                       0052      0055
     02.00 DB1106R   I1=MIAD3    MSDS3     +
     02.01    01       A1        A2

     02.02              A(0090) DB1307DA DB1306DA =DB1402R

0093.00.00 AIRS3     INV       AB
     01.00 AB2329R   O1=AIRS3
                       0091      0241      0800
     02.00 AB2425R   I1=MSU4     TR04      TCX5      +
     02.01    01       A1        A2        A3

     02.02              A(0092) AB2324DA AB2330DA AB2323DA =AB2422R

0094.00.00 ARDS3     INV       AB
     01.00 AB2529R   O1=ARDS3
                       0091
     02.00 AB2523DA  I1=MSU4

0096.00.00 AIRA3     INV       AB
     01.00 AB2530R   O1=AIRA3
                       0241      0800      0026
     02.00 AB2521R   I1=TR04     TCX5      MAD4      +
     02.01    01       A1        A2        A3

     02.02              A(0095) AB2130DA AB2320DA AB2421DA =AB2520R

0097.00.00 AOFL3     INV       AB
     01.00 CB2602R   O1=AOFL3
                       1240
     02.00 CB2305Q*  I1=AOFL2

0099.00.00 DBDE3     INV       AB
     01.00 AB0429R   O1=DBDE3
                       1200      1210      1220      1230                1140
     02.00 AB0425R   I1=DC81     DC41      DC21      DC11      +         EDPS2     +
     02.01    01       A1        A2        A3        A4
     02.02    02                                               AB1       B2

     02.03              A(0100) AB1420DA AB1020DA AB0620DA AB0220DA =AB0124R
     02.04              B(0098) AB0123DA AB0423DA =AB0424R

0101.00.00 DSZ3      INV       AB
     01.00 AB0129R   O1=DSZ3
                       1200      1210      1220      1230
     02.00 AB0225R   I1=DC81     DC41      DC21      DC11      +
     02.01    01       A1        A2        A3        A4
```

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```
0101.00.00 DSZ3      INV       AB CONTINUED FROM PREVIOUS PAGE
     02.02                A(0100) AB1420DA AB1020DA AB0620DA AB0220DA =AB0124R

0102.00.00 DIC5      COG       AB
     01.00 AB0305R   O1=DIC5
                        0101
     02.00 AB0106DA  I1=DSZ3
                        1470
     03.00 AB0407DA  I2=HOME1
                        0088
     04.00 AB0406DA  I3=MIL4

0103.00.00 RIAS6     COG       AB
     01.00 CB1014R   O1=RIAS6
                        1050
     02.00 CB0917DA  I1=ECS2
                        0044
     03.00 CB0919DA  I2=PS144
                        0241
     04.00 CB0918DA  I3=TR04
                        0244
     05.00 CB0916DA  I4=TC14

0104.00.00 RIAM6     COG       AB
     01.00 CB1414R   O1=RIAM6
                        1450
     02.00 CB1318DA  I1=ACRY2
                        1460
     03.00 CB1319DA  I2=ACOF2
                        1090
     04.00 CB1317DA  I3=EMU2
                        0238
     05.00 CB1316DA  I4=TR14

0105.00.00 RIMC6     COG       AB
     01.00 CB1614R   O1=RIMC6
                        0238
     02.00 CB1517DA  I1=TR14
                        1090
     03.00 CB1519DA  I2=EMU2
                        1460
     04.00 CB1518DA  I3=ACOF2
                        0247
     05.00 CB1516DA  I4=TC24

0106.00.00 RIAD6     COG       AB
     01.00 CB1814R   O1=RIAD6
                        0238
     02.00 CB1717DA  I1=TR14
                        0247
     03.00 CB1716DA  I2=TC24
                        0089
     04.00 CB1718DA  I3=MIAD4

0107.00.00 RIAC6     COG       AB
     01.00 CB1214R   O1=RIAC6
                        1460
     02.00 CB1119DA  I1=ACOF2
                        0244
     03.00 CB1116DA  I2=TC14
                        0241
     04.00 CB1118DA  I3=TR04
                        1150
     05.00 CB1117DA  I4=ASC1

0109.00.00 RSDS6     COG       AB
     01.00 CB1203R   O1=RSDS6
                        1040
     02.00 CB1106DA  I1=EST02
                        0241
     03.00 CB1105DA  I2=TR04
                        0041
     04.00 CB1104DA  I3=PS154

0110.00.00 RSD6      INV       AB
     01.00 CB1403R   O1=RSD6
                        1030
     02.00 CB1305DA  I1=ESD2
```

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```
0110.00.00 RSD6      INV       AB CONTINUED FROM PREVIOUS PAGE
                                  0044
     03.00 CB1306DA  I2=PS144
                                  1550
     04.00 CB1304DA  I3=TFG1

0111.00.00 RDMD6     COG       AB
     01.00 CB1603R   O1=RDMD6
                                  0041
     02.00 CB1504DA  I1=PS154
                                  1550
     03.00 CB1505DA  I2=TFG1
                                  0016
     04.00 CB1806DA  I3=EMDQ4
                                  1120
     05.00 CB1506DA  I4=ESQ1

0112.00.00 RSDQ6     COG       AB
     01.00 CB1803R   O1=RSDQ6
                                  0041
     02.00 CB1704DA  I1=PS154
                                  1550
     03.00 CB1705DA  I2=TFG1
                                  1540
     04.00 CB1707DA  I3=TFF2
                                  1120
     05.00 CB1507DA  I4=ESQ2

0114.00.00 RESD3     INV       AB
     01.00 CB0903R   O1=RESD3
                                  0109      0110      0111      0112
     02.00 CB1007R   I1=RSDS6     RSD6      RDMD6     RSDQ6     .
     02.01    01       A1        A2        A3        A4

     02.02              A(0113) CB1207DC CB1407DC CB1608DC CB1808DC =CB1107DA

0115.00.00 RRCU6     COG       AB
     01.00 CB1613R   O1=RRCU6
                                  1550
     02.00 CB1511DA  I1=TFG1
                                  1070
     03.00 CB1510DA  I2=ERC2
                                  0044
     04.00 CB1509DA  I3=PS144

0116.00.00 RURC6     COG       AB
     01.00 CB1713R   O1=RURC6
                                  1070
     02.00 CB1710DA  I1=ERC2
                                  0240
     03.00 CB1711DA  I2=TR03
                                  0044
     04.00 CB1709DA  I3=PS144

0117.00.00 RURP6     COG       AB
     01.00 CB1213R   O1=RURP6
                                  1060
     02.00 CB1109DA  I1=ERP2
                                  0044
     03.00 CB1108DA  I2=PS144

0118.00.00 RRPU6     COG       AB
     01.00 CB1413R   O1=RRPU6
                                  0044
     02.00 CB1308DA  I1=PS144
                                  1060
     03.00 CB1311DA  I2=ERP2
                                  0237
     04.00 CB1312DA  I3=TR13
                                  1550
     05.00 CB1309DA  I4=TFG1

0121.00.00 RURR3     INV       AB
     01.00 CB0913R   O1=RURR3
                                  0116      0117
     02.00 CB1212R   I1=RURC6     RURP6     .
     02.01    01       A1        A2

     02.02              A(0120) CB1812DC CB1210DC =CB1110DA
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```
0122.00.00 RRRU3     INV       AB
     01.00 CB1012R   O1=RRRU3
                       0115      0118
     02.00 CB1211R   I1=RRCU6    RRPU6    .
     02.01    01       A1        A2

     02.02             A(0119) CB1612DC CB1410DC =CB1310DA

0123.00.00 RS1L6     COG       AB
     01.00 AB1121R   O1=RS1L6
                       0238
     02.00 AB0929DA  I1=TR14
                       0088
     03.00 AB0930DA  I2=M1L4
                       0800
     04.00 AB1230DA  I3=TCX5

0124.00.00 RO1Q6     COG       AB
     01.00 AB0729R   O1=RO1Q6
                       0241
     02.00 AB0830DA  I1=TR04
                       0041
     03.00 AB0827DA  I2=PS154
                       1120
     04.00 AB0828DA  I3=ESQ2

0125.00.00 ROLQ6     COG       AB
     01.00 AB1123R   O1=ROLQ6
                       1120
     02.00 AB1226DA  I1=ESQ2
                       0800
     03.00 AB1229DA  I2=TCX5
                       0044
     04.00 AB1228DA  I3=PS144
                       0101
     05.00 AB1127DA  I4=DSZ3
                       0241
     06.00 AB1429DA  I5=TR04

0126.00.00 RS2L6     COG       AB
     01.00 AB1124R   O1=RS2L6
                       0800
     02.00 AB1428DA  I1=TCX5
                       0086
     03.00 AB1425DA  I2=M2L4
                       1530
     04.00 AB1426DA  I3=TFE2
                       1540
     05.00 AB1427DA  I4=TFF1

0127.00.00 RUDE6     COG       AB
     01.00 AB1122R   O1=RUDE6
                       0044
     02.00 AB1423DA  I1=PS144
                       1550
     03.00 AB1424DA  I2=TFG1
                       1110
     04.00 AB1422DA  I3=ECD2
                       1130
     05.00 AB1421DA  I4=ECFS2

0129.00.00 RSUL3     INV       AB
     01.00 CB0824R   O1=RSUL3
                       0123      0124      0280      0125      0126      0127      0072
     02.00 CB0728R   I1=RS1L6    RO1Q6     R1QQ6     ROLQ6     RS2L6     RUDE6     RSUQ6    .
     02.01    01       A1        A2        A3        A4        A5        A6        A7

     02.02             A(0128) AB1021DC AB0726DC AB1025DC AB1023DC AB1024DC AB1022DC DB2622DC
     02.03             =AB0921DA

0131.00.00 RERD3     INV       AB
     01.00 AB1529R   O1=RERD3
                       0044      1110      0241      1130
     02.00 AB1625R   I1=PS144     ECD2      TR04      ECFS2    .
     02.01    01       A1        A2        A3        A4

     02.02             A(0130) AB1523DA AB1622DA AB1330DA AB1521DA =AB1630R
```

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```
0133.00.00 RCM3      INV       AB
     01.00 AB1729R   O1=RCM3
                       1460      1150      0238      0800
     02.00 AB1825R   I1=ACOF2    ASC1      TR14      TCX5      .
     02.01    01       A1        A2        A3        A4

     02.02              A(0132) AB1723DA AB1722DA AB1728DA AB1721DA =AB183OR

0138.00.00 CED55     COG       AB
     01.00 AB1807R   O1=CED55
                       0300
     02.00 AB2003DA  I1=RSLO5
                       0094
     03.00 AB2602DA  I2=ARDS3

0139.00.00 ASA13     INV       AB
     01.00 CB1624R   O1=ASA13
                       0103      0104      0105      0106      0107      0057
     02.00 CB1523R   I1=RIAS6    RIAM6     RIMC6     RIAD6     RIAC6     RIAQ6     .
     02.01    01       A1        A2        A3        A4        A5        A6

     02.02              A(0108) CB1015DC CB1215DC CB1615DC CB1815DC CB1215DC DB1622DC =CB1315DA
     02.03

0140.00.00 ARA13     INV       AB
     01.00 CB1525R   O1=ARA13
                       0139
     02.00 CB1626R   I1=ASA13

0142.00.00 AERM3     INV       AB
     01.00 CB1423R   O1=AERM3
                       0140      1090
     02.00 CB1328R   I1=ARA13    EMU2      .
     02.01    01       A1        A2

     02.02              A(0141) CB1426DA CB1325DA =CB1324R    .

0144.00.00 SEAC4     INV       AB
     01.00 CB1223R   O1=SEAC4
                       0061      0114
     02.00 CB1126R   I1=RTR13    RESD3     .
     02.01    01       A1        A2

     02.02              A(0143) CB0627DA CB0928DA =CB1124R

0145.00.00 SEBC4     INV       AB
     01.00 FB2429R   O1=SEBC4
                       0144      0251
     02.00 FB2529R   I1=SEAC4    TC03      .
     02.01    01       A1        A2

**   02.02              A(0500) FB2428DA **0500** =FB2328DC

0147.00.00 SBC9      INV       AB
     01.00 FB2333R   O1=SBC9
                       0204      0145
     02.00 FB2632R   I1=TB154    SEBC4     .
     02.01    01       A1        A2

     02.02              A(0146) FB2530DA FB2430DA =FB2331R

0149.00.00 SAC9      INV       AB
     01.00 FB2424R   O1=SAC9
                       0144      0251                0260      0204      0251
     02.00 FB2527R   I1=SEAC4    TC03      .         TC153     TB154     TC03      .
     02.01    01       A1        A2
     02.02    02                           AB1       B2        B3        B4

**   02.03              A(0500) FB2428DA **0500** =FB2328DC B(0148) FB2427DA FB2501D* FB2426DA
     02.04              FB2501DA =FB2425R

0151.00.00 SEAD4     INV       AB
     01.00 CB0923R   O1=SEAD4
                       0258      0129      0121
     02.00 CB0926R   I1=YCPR3    RSUL3     RURR3     .
     02.01    01       A1        A2        A3

     02.02              A(0150) CB1228DA CB0827DA CB0927DA =CB0924R
```

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```
0153.00.00 SAD9      INV       AB
     01.00 FB2407R   O1=SAD9
                       0204      0151
     02.00 FB2306R   I1=TB154    SEAD4     +
     02.01    01       A1        A2

     02.02             A(0152) FB2404DA FB1906DA =FB2409R

0155.00.00 SEDB4     INV       AC
     01.00 CB0812R   O1=SEDB4
                       0122    0061    0129   0133
     02.00 CB0814R   I1=RRRU3   RTR13   RSUL3  RCM3   +
     02.01    01       A1        A2      A3     A4

     02.02             A(0154) CB0715DA CB0718DA CB0725DA CB0717DA =CB0823R

0156.00.00 SEAB4     INV       AB
     01.00 FB2418R   O1=SEAB4
                       0155      0251
     02.00 FB2617R   I1=SEDB4     TC03      +
     02.01    01       A1        A2

**   02.02             A(0600) FB2516DA **0600** =FB2616DC

0158.00.00 SAB9      INV       AB
     01.00 FB2312R   O1=SAB9
                       0204      0156
     02.00 FB2314R   I1=TB154     SEAB4     +
     02.01    01       A1        A2

     02.02             A(0157) FB2416DA FB2417DA =FB2415R

0160.00.00 SDB9      INV       AB
     01.00 FB2411R   O1=SDB9
                       0155      0251                0204      0251
     02.00 FB2612R   I1=SEDB4     TC03      +       TB154     TC03      +
     02.01    01       A1        A2
     02.02    02                           AB1       B2        B3

**   02.03             A(0600) FB2516DA **0600** =FB2616DC B(0159) FB2515DA FB2514DA FB2105D*
     02.04             =FB2410R

0162.00.00 REID4     INV       AB
     01.00 CB0613R   O1=REID4
                       0133      0093
     02.00 CB0515R   I1=RCM3     AIRS3     +
     02.01    01       A1        A2

     02.02             A(0161) CB0518DA CB0519DA =CB0617R

0164.00.00 AIDM3     INV       AB
     01.00 CB2618R   O1=AIDM3
                       1090      0026      0261     0196     0238
     02.00 CB2521R   I1=EMU2      MAD4      TC154    CDZ3     TR14      +
     02.01    01       A1        A2        A3       A4       A5

     02.02             A(0163) CB2524DA CB2516DA CB2515DA CB2514DA CB2513DA =CB2617R

0166.00.00 AIDS3     INV       AB
     01.00 CB2417R   O1=AIDS3
                       0162      XXXX
     02.00 CB2314R   I1=REID4     XRDL4     +
     02.01    01       A1        A2

     02.02             A(0165) CB2316DA CB2325DA =CB2424R

0168.00.00 CRA9      INV       AB
     01.00 EB0632R   O1=CRA9
                       0093      0096      0204     0063
     02.00 EB0331R   I1=AIRS3     AIRA3     TB154    AIRX3     +
     02.01    01       A1        A2        A3       A4

     02.02             A(0167) EB0429DA EB0133DA EB0327DA EB0132DA =EB0328R

0170.00.00 CERD4     INV       AC
     01.00 CB0620R   O1=CERD4
                       0131   0133    0094    0300    0074
     02.00 CB0524R   I1=RERD3   RCM3   ARDS3   RSLO5   RCRO3   +
     02.01    01       A1      A2      A3      A4      A5
```

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```
0170.00.00 CERD4     INV       AC CONTINUED FROM PREVIOUS PAGE
     02.02              A(0169) CB0626DA CB0628DA CB2026DA CB2625DA CB0328DA =CB0623R

0172.00.00 CRD9      INV       AB
     01.00 FB2207R  O1=CRD9
                       0170      0204
     02.00 FB2111R  I1=CERD4     TB154     +
     02.01    01       A1        A2

     02.02              A(0171) FB2212DA FB2213DA =FB2109R

0174.00.00 SDA9      INV       AB
     01.00 EB0620R  O1=SDA9
                       0091      0204      0241      0800
     02.00 EB0624R  I1=MSU4      TB154     TR04      TCX5      +
     02.01    01       A1        A2        A3        A4

     02.02              A(0173) EB0618DA EB0527DA EB0626DA EB0617DA =EB0628R

0176.00.00 CID9      INV       AB
     01.00 FB1402R  O1=CID9
                       0164      0166
     02.00 FB0904R  I1=(AIDM3    AIDS3     +)'
     02.01    01       A1        A2
     02.02    02                           AB1

**   02.03              A(0400) CB2318DA **0400** =CB2418DC B(0175) FB1204R  =FB1002R

0178.00.00 ARCA3     INV       AB
     01.00 EB0102R  O1=ARCA3
                       0180      0026      0800      0241      0204
     02.00 EB0611R  I1=AERC4     MAD4      TCX5      TR04      TB154     +
     02.01    01       A1        A2        A3        A4        A5

     02.02              A(0177) EB0305DA EB0415DA EB0514DA EB0513DA EB0314DA =EB0612R

0180.00.00 AERC4     INV       AB
     01.00 EB0302R  O1=AERC4
                       1450      0178
     02.00 EB0407R  I1=ACRY1     ARCA3     +
     02.01    01       A1        A2

     02.02              A(0179) EB0306DA EB0312DA =EB0413R

0182.00.00 MAIR3     INV       AB
     01.00 EB0103R  O1=MAIR3
                       0078      0074      XXXX
     02.00 EB0209R  I1=RCY3      RCRO3     XRDL4     +
     02.01    01       A1        A2        A3

     02.02              A(0181) EB0801DA EB0101DA EB0113DA =EB0212R

0185.00.00 CIA9      INV       AB
     01.00 EB0602R  O1=CIA9
                       0178      0182      0080
     02.00 EB0506R  I1=(ARCA3    MAIR3     AIRQ3     +)'
     02.01    01       A1        A2        A3
     02.02    02                                     AB1

     02.03              A(0183) EB0107DA EB0106DA EB0401DA =EB0208R  B(0184) EB0308R  =EB0403R
     02.04

0187.00.00 AESA3     INV       AB
     01.00 CB0403R  O1=AESA3
                       0189      0193
     02.00 CB0306R  I1=AERS3     CA94      +
     02.01    01       A1        A2

     02.02              A(0186) CB0411DA CB0410DA =CB0309R

0189.00.00 AERS3     INV       AB
     01.00 CB0312R  O1=AERS3
                       0091      0193
     02.00 CB0414R  I1=MSU4      CA94      +
     02.01    01       A1        A2

     02.02              A(0188) CB0115DA CB0112DA =CB0213R
```

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```
0193.00.00 CA94      INV       AB
     01.00 CB0103R   O1=CA94
                       1250      1260
     02.00 CB0206R   I1=(CA52      CA41      +)'
     02.01    01       A1         A2
     02.02    02                             AB1

     02.03              A(0191) CB0218DA CB0416DA =CB0116R  B(0192) CB0110R  =CB0214R

0196.00.00 CDZ3      INV       AB
     01.00 FB1503R   O1=CDZ3
                       1300      1340
     02.00 FB1806R   I1=CD51      CD11      +
     02.01    01       A1         A2

     02.02              A(0195) FB2007DA FB1702DA =FB1803R

0197.00.00 CDZ4      INV       AB
     01.00 FB1502R   O1=CDZ4
                       0196
     02.00 FB1604R   I1=CDZ3

0199.00.00 TOSC3     INV       AB
     01.00 HB0635R   O1=TOSC3
                       1470      XXXX
     02.00 HB0632R   I1=HOME1     TOSC4     +
     02.01    01       A1         A2

     02.02              A(0198) HB0336DA HB0529DA =HB0628R

0200.00.00 HOME3               AA
     01.00 HB0636R   O1=HOME3
                       1470
     02.00 HB0524DA  I1=HOME2

0201.00.00 TFG3      INV       AB
     01.00 HB1225R   O1=TFG3
                       1550
     02.00 HB1419R   I1=TFG2

0204.00.00 TB154     INV       AB
     01.00 GB1207R   O1=TB154
                       1490      1500      1510      1520
     02.00 GB1405R   I1=(TFA2      TFB2      TFC2      TFD2      +)'
     02.01    01       A1         A2        A3        A4
     02.02    02                                              AB1

     02.03              A(0202) GB1201DA GB0907DA GB1202DA GB1203DA =GB1204R
     02.04              B(0203) GB1301R  =GB1206R

0214.00.00 YDPS4     INV       AB
     01.00 GB1709R   O1=YDPS4
                       1560  XXXX      1570  XXXX      1580  XXXX      1580  XXXX
     02.00 GB1608R   I1=(TFH1  XD17 +) (TFJ1  XD57 +) (TFK2  XD77 +) (TFK1  XD67 +)
     02.01    01       A1    A2        B1    B2        C1    C2        D1    D2
     02.02    02                 AJ1               BJ2               CJ3               DJ4
                       1590  XXXX      1560  XXXX      1570  XXXX      1590  XXXX
     02.03             (TFL1  XD67 +) (TFH2  XD27 +) (TFJ2  XD47 +) (TFL2  XD97 +)    .
     02.04    01       E1    E2        F1    F2        G1    G2        H1    H2
     02.05    02                 EJ5               FJ6               GJ7               HJ8

     02.06              A(0205) GB2208DA GB2008R  =GB2108DC B(0206) GB2205DA GB2005R  =GB2105DC
     02.07              C(0207) GB2206DA GB2006R  =GB2106DC D(0208) GB2202DA GB2002R  =GB2102DC
     02.08              E(0209) GB2201DA GB2001R  =GB2101DC F(0210) GB2204DA GB2004R  =GB2104DC
     02.09              G(0211) GB2207DA GB2007R  =GB2107DC H(0212) GB2203DA GB2003R  =GB2103DC
     02.10              J(0213) GB1806DC GB1805DC GB1806DC GB1802DC GB1801DC GB1804DC GB1807DC
     02.11              GB1803DC =GB1708DA

0216.00.00 TBX3      INV       AB
     01.00 GB2611R   O1=TBX3
                       1500      1510      1520
     02.00 GB2615R*  I1=TFB2      TFC2      TFD2      +
     02.01    01       A1         A2        A3

     02.02              A(0215) GB2521D* GB2519DA GB2518D* =GB2617R*

0220.00.00 CCZ3      INV       AB
     01.00 FB2219R   O1=CCZ3
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0220.00.00 CCZ3      INV       AB CONTINUED FROM PREVIOUS PAGE
                        1400      1440
     02.00 FB2222R   I1=CC51      CC11      +
     02.01     01       A1         A2

     02.02              A(0219) FB2125DA FB2124DA =FB2220R

0222.00.00 CIC4      INV       AC
     01.00 GB2610R   O1=CIC4
                        1480   0216   0220
     02.00 GB2218R   I1=TCLK2   TBX3   CCZ3   +
     02.01     01       A1       A2     A3

     02.02              A(0221) GB2216DA GB2622DA GB2217DA =GB2220R

0223.00.00 CIC9      INV       AB
     01.00 FB2126R   O1=CIC9
                        0222
     02.00 FB2227DA  I1=CIC4

0225.00.00 YBTE3     INV       AB
     01.00 GB2626QC  O1=YBTE3
                        1490      1500      1510
     02.00 GB2529R*  I1=TFA2      TFB2      TFC2      +
     02.01     01       A1         A2        A3

     02.02              A(0224) GB2532D* GB2533D* GB2534D* =GB2635R*

0227.00.00 YBMS3     INV       AC
     01.00 GB0110R   O1=YBMS3
                        0241      1340      0247      1520
     02.00 GB0207R   I1=TR04      CD12      TC24      TFD1      +
     02.01     01       A1         A2        A3        A4

     02.02              A(0226) GB0204DA GB0106DA GB0203DA GB0205DA =GB0307R

0230.00.00 YR1D3     INV       AC
     01.00 GB0111R   O1=YR1D3
                        1600      1610      1130
     02.00 GB0113R   I1=TFM1      TFN1      ECFS1     +
     02.01     01       A1         A2        A3

     02.02              A(0229) GB0216DA GB0215DA GB0217DA =GB0118R

0232.00.00 YBDP3     INV       AD
     01.00 GB1924R   O1=YBDP3
                        0230   0214   1550   1520   1530
     02.00 GB2027R   I1=YR1D3   YDP54   TFG2   TFD2   TFE1   +
     02.01     01       A1       A2     A3     A4     A5

     02.02              A(0231) GB1928DA GB1829DA GB1730DA GB1731DA GB1732DA =GB1929R

0234.00.00 YBLE3     INV       AB
     01.00 GB2426QC  O1=YBLE3
                        1490      1500      1510
     02.00 GB2329R*  I1=TFA1      TFB1      TFC1      +
     02.01     01       A1         A2        A3

     02.02              A(0233) GB2432D* GB2334D* GB2333D* =GB2335R*

0235.00.00 YBMX3     INV       AE
     01.00 GB2226R   O1=YBMX3
                      1630  0227       1310 0241 1300       0232 1540 1530
     02.00 GB2129R*  I1=( YYC1 YBMS3 +) ( CD42 TR04 CD51 +) ( YBDP3 TFF2 TFE1 +)
     02.01     01       A1   A2         B1   B2   B3         C1   C2   C3
     02.02     02                 AR1                  BR2                  CR3
                      1340 1300 1520   1540 1550       1340 1330 1530 0227
     02.03            ( CD11 CD51 TFD2  TFF2 TFG1 +) ( CD12 CD21 TFE2 YBMS3 +)
     02.04     01       D1   D2   D3     D4   D5         E1   E2   E3   E4
     02.05     02                                 DR4                       ER5
                      1330 1310 1520   1530       1340 1320 1520 1530 1540
     02.06            ( CD22 CD41 TFD1  TFE1 +) ( CD12 CD31 TFD2 TFE2 TFF1 +)
     02.07     01       F1   F2   F3     F4         G1   G2   G3   G4   G5
     02.08     02                                 FR6                       GR7
                      1340 1320 1520   0238       1310 1300 1520 1540
     02.09            ( CD12 CD32 TFD2  TR14 +) ( CD42 CD51 TFD1 TFF2 +)
     02.10     01       H1   H2   H3     H4         J1   J2   J3   J4
     02.11     02                                 HR8                       JR9
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0235.00.00 YBMX3     INV      AE CONTINUED FROM PREVIOUS PAGE
                                1310 1300 1520  0238      1330 1320 0238
     02.12                   ( CD41 CD52 TFD2  TR14 +) ( CD21 CD32 TR14 +)
     02.13     01              K1   K2   K3    K4         L1   L2   L3
     02.14     02                                  KR10                 LR11
                             1330 1320 1520  1540  0232      1330 1300  1540 1530 1520
     02.15                   ( CD21 CD32 TFD2  TFF2 YBDP3 +)( CD22 CD52  TFF1 TFE2 TFD1 +)
     02.16     01              M1   M2   M3    M4   M5         N1   N2    N3   N4   N5
     02.17     02                                        MR12                       NR13
                              0227      0241  1520      1320 1310 1520  1540 1550 1510
     02.18                   ( YBMS3     TR04  TFD1 +) ( CD32 CD41 TFD2  TFF2 TFG1 TFC2 +)
     02.19     01              P1        P2    P3         Q1   Q2   Q3    Q4   Q5   Q6
     02.20     02                                  PR14                          QR15
                             0038
     02.21                   PSZ3 .
     02.22     02              R16

     02.23                 A(0228) GB2136D* GB2436D* =GB2235R* B(0269) GB0826DA GB0825DA GB0827DA
     02.24                 =GB0724R  C(0263) GB0627DA GB0625DA GB0626DA =GB0524R
     02.25                 D(0264) GB1035DA GB1032DA GB1033DA GB1030DA GB1034DA =GB0936R
     02.26                 E(0265) GB1435DA GB1433DA GB1434DA GB1431DA =GB1336R
     02.27                 F(0266) GB0428DA GB0429DA GB0426DA GB0425DA =GB0324R
     02.28                 G(0267) GB0234DA GB0235DA GB0232DA GB0233DA GB0230DA =GB0136R
     02.29                 H(0268) GB0834DA GB0835DA GB0832DA GB0833DA =GB0736R
     02.30                 J(0270) GB1027DA GB1028DA GB1029DA GB1025DA =GB0924R
     02.31                 K(0271) GB0431DA GB0435DA GB0432DA GB0433DA =GB0336R
     02.32                 L(0272) GB0225DA GB0226DA GB0227DA =GB0124R  M(0273) GB1228DA GB1226DA
     02.33                 GB1231DA GB1225DA GB1227DA =GB1124R  N(0277) GB0631DA GB0635DA GB0632DA
     02.34                 GB0633DA GB0634DA =GB0536R  P(0278) GB1627DA GB1625DA GB1626DA =GB1524R
     02.35                 Q(0276) GB1635DA GB1632DA GB1633DA GB1629DA GB1634DA GB1631DA =GB1536R
     02.36                 R(0279) GB2236D* GB0728DC GB0528DC GB0931DC GB1332DC GB0327DC GB0129DC
     02.37                 GB0730DC GB0926DC GB0334DC GB0128DC GB1129DC GB0529DC GB1528DC GB1530DC
     02.38                 GB2132D* =GB2133D*

0237.00.00 TR13      INV      AB
     01.00 GB1935R* O1=TR13
                             1550      1530      1540
     02.00 GB1933R* I1=TFG1       TFE1      TFF1      +
     02.01     01        A1        A2        A3

     02.02                 A(0236) GB1734D* GB1733D* GB1736D* =GB1835R*

0238.00.00 TR14      INV      AB
     01.00 GB1934R* O1=TR14
                              0237
     02.00 GB2036R* I1=TR13

0240.00.00 TR03      INV      AB
     01.00 GB1825R  O1=TR03
                             1530      1550
     02.00 GB1720R  I1=TFE2       TFG2      +
     02.01     01        A1        A2

     02.02                 A(0239) GB1520DA GB1320DA =GB1718R

0241.00.00 TR04      INV      AB
     01.00 GB1623R* O1=TR04
                              0240
     02.00 GB1827R  I1=TR03

0243.00.00 TC13      INV      AB
     01.00 HB1306R  O1=TC13
                             1560      1570      1580      1590
     02.00 HB1408R  I1=TFH2       TFJ1      TFK1      TFL1      +
     02.01     01        A1        A2        A3        A4

     02.02                 A(0242) HB1316DA HB1313DA HB1311DA HB1314DA =HB1409R

0244.00.00 TC14      INV      AB
     01.00 HB1203R  O1=TC14
                              0243
     02.00 HB1008DA I1=TC13

0246.00.00 TC23      INV      AB
     01.00 HB1206R  O1=TC23
                             1560      1570      1580      1590
     02.00 HB1208R  I1=TFH1       TFJ2      TFK1      TFL1      +
     02.01     01        A1        A2        A3        A4
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0246.00.00 TC23      INV       AB CONTINUED FROM PREVIOUS PAGE
     02.02              A(0245) HB1114DA HB1317DA HB1312DA HB1315DA =HB1209R

0247.00.00 TC24      INV       AB
     01.00 GB1918R   O1=TC24
                        0246
     02.00 GB1916DA  I1=TC23

0249.00.00 TC013     INV       AB
     01.00 HB0903R   O1=TC013
                        1570      1580      1590
     02.00 HB1207R   I1=TFJ1      TFK1      TFL1      +
     02.01    01        A1        A2        A3

     02.02              A(0248) HB1112DA HB1111DA HB1113DA =HB1307R

0251.00.00 TC03      INV       AB
     01.00 HB0906R   O1=TC03
                        1590      1580      1560      1570
     02.00 HB1007R   I1=TFL1      TFK1      TFH1      TFJ1      +
     02.01    01        A1        A2        A3        A4

     02.02              A(0250) HB0914DA HB0912DA HB0915DA HB0913DA =HB1011R

0257.00.00 YCPR4     INV       AB
     01.00 GB1611R   O1=YCPR4
                        1600  1530      1600  1530      1610  1540      1610  1540        1550  0038
     02.00 GB1811R   I1=(TFM1  TFE2 +) (TFM2  TFE1 +) (TFN1  TFF2 +) (TFN2  TFF1 +)      TFG2  PSZ3  .
     02.01    01        A1    A2        B1    B2        C1    C2        D1    D2
     02.02    02                  AE1             BE2             CE3             DE4     E5    E6

     02.03              A(0252) GB1518DA GB1519D* =GB1717R  B(0253) HB2504DA HB2403DA =HB2602R
     02.04              C(0254) HB1805DA HB1603DA =HB1605R  D(0255) GB1613DA GB1616DA =GB1515R
     02.05              E(0256) GB1716DC HB2603DC HB1504DC GB1514DC HB1804DA GB1814DA =GB1713DA
     02.06

0258.00.00 YCPR3     INV       AB
     01.00 GB1617R   O1=YCPR3
                        0257
     02.00 GB1610R   I1=YCPR4

0260.00.00 TC153     INV       AB
     01.00 GB2409R   O1=TC153
                        1560      1570      1580      1590
     02.00 GB2402R   I1=TFH2      TFJ2      TFK2      TFL2      +
     02.01    01        A1        A2        A3        A4

     02.02              A(0259) HB0502DA HB0503DA HB0504DA HB0501DA =GB2403R

0261.00.00 TC154     INV       AB
     01.00 GB2609R   O1=TC154
                        0260
     02.00 GB2308DA  I1=TC153

0262.00.00 MRL4      INV       AB
     01.00 GB2509QC  O1=MRL4
                        0014
     02.00 GB2504R   I1=MRL5

0274.00.00 YD16      COG       AC
     01.00 GB1136R   O1=YD16
                        1340
     02.00 GB1235DA  I1=CD12
                        1330
     03.00 GB1232DA  I2=CD21
                        0232
     04.00 GB1234DA  I3=YBDP3

0275.00.00 YD76      COG       AC
     01.00 GB1324R   O1=YD76
                        1330
     02.00 GB1429DA  I1=CD21
                        1320
     03.00 GB1425DA  I2=CD32
                        0232
     04.00 GB1428DA  I3=YBDP3

0280.00.00 R10Q6     COG       AB
     01.00 AB1125R   O1=R10Q6
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0280.00.00 R10Q6     COG       AB CONTINUED FROM PREVIOUS PAGE
                          0041
     02.00 AB0926DA I1=PS154
                          1120
     03.00 AB0927DA I2=ESQ2
                          0238
     04.00 AB0928DA I3=TR14

0281.00.00 ECFS4     INV       AA
     01.00 00000000 O1=ECFS4
                          1130
**   02.00 **0281** I1=ECFS1

0283.00.00 AIEC3               AA
     01.00 RB7036DC O1=AIEC3
                          1650   0281
     02.00 00000000 I1=AEC2  ECFS4  +
     02.01    01        A1     A2

**   02.02             A(0282) **0282** **0282**

0300.00.00 RSLO5     SOG       AC
**   01.00 **0300** O1=RSLO5
                          0084     0086      1470      0261      0067
**   02.00 **0300** I1=(MMDL3     M1L4      HOME1     TC154     ML1Q3     +)'
     02.01    01        A1       A2        A3        A4        A5
     02.02    02                                                       AB1

     02.03             A(0134) AB1923DA AB1924DA AB1921DA AB1920DA AB1922DA =AB2030R
     02.04             B(0135) AB2025R  =AB1929R
                          0261     1470      0086      1140      1120
**   03.00 **0300** I2=(TC154     HOME1     M2L4      EDPS2     ESQ1      +)'
     03.01    01        A1       A2        A3        A4        A5
     03.02    02                                                       AB1

     03.03             A(0136) AB2120DA AB2121DA AB2122DA AB2124DA AB2123DA =AB2229R
     03.04             B(0137) AB2225R  =AB2028Q*

0700.00.00 YBL5      SOG       AC
**   01.00 **0700** O1=YBL5
                          0225
**   02.00 **0700** I1=YBTE3
                          0234
**   03.00 **0700** I2=YBLE3
                          0235
**   04.00 **0700** I3=YBMX3

0800.00.00 TCX5      SOG       AB
**   01.00 **0800** O1=TCX5
                          0249
**   02.00 **0800** I1=TC013
                          0262
**   03.00 **0800** I2=MRL4

1010.00.00 ESTA      FF        AB
     01.00 BB2609DA O1=ESTA1
     02.00 BB2516R  O2=ESTA2
                          1010      0002
     03.00 BB2622DA R1=ESTA1     EKBD3     .
     03.01    01        A1       A2

     03.02             A(1011) BB2510R  BB2508C  =BB2610R

1020.00.00 EAS       FF        AB
     01.00 BB1703R  O1=EAS1
     02.00 BB1503R  O2=EAS2
                          XXXX      0002
     03.00 BB1507DA S1=XAS7      EKBD3     .
     03.01    01        A1       A2

     03.02             A(1021) BB1807R  BB1508G  =BB1707R
                          0021
     04.00 BB1602DA R2=ERF3

1030.00.00 ESD       FF        AB
     01.00 BB1912R  O1=ESD1
     02.00 BB1812R  O2=ESD2
                          1030      1020
     03.00 BB1710DA S1=ESD2      EAS1
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```
1030.00.00 ESD       FF        AB CONTINUED FROM PREVIOUS PAGE
                        1030       1020
     03.00 BB1710DA S1=ESD2       EAS1     .
     03.01     01          A1         A2

     03.02                 A(1031) BB1809R  BB1609C  =BB1709R
                           XXXX       0002
     04.00 BB2010DA S2=XCE7       EKBD3    .
     04.01     01          A1         A2

     04.02                 A(1032) BB1916R  BB1909C  =BB2016R
                           1030       1240
     05.00 BB1515DA S3=ESD2       AOFL2    .
     05.01     01          A1         A2

     05.02                 A(1033) BB1315R  BB1321C  =BB1415R
                           1030       1040
     06.00 BB1911DA S4=ESD2       ESTO1    .
     06.01     01          A1         A2

     06.02                 A(1034) BB1708R  BB2108C  =BB1808R
                           0021
     07.00 BB1711DA R5=ERF3

1040.00.00 ESTO      FF        AB
     01.00 BB2103R  O1=ESTO1
     02.00 BB2003R  O2=ESTO2
                           XXXX       0002
     03.00 BB1907DA S1=XST7       EKBD3    .
     03.01     01          A1         A2

     03.02                 A(1041) BB2207R  BB1908C  =BB2107R
                           0021
     04.00 BB1902DA R2=ERF3

1050.00.00 ECS       FF        AB
     01.00 BB2403R  O1=ECS2
                           XXXX       0002
     02.00 BB2307DA S1=XCS7       EKBD3    .
     02.01     01          A1         A2

     02.02                 A(1051) BB2607R  BB2308C  =BB2507R
                           0021
     03.00 BB2302DA R2=ERF3

1060.00.00 ERP       FF        AB
     01.00 BB2311R  O1=ERP2
                           XXXX       0002
     02.00 BB2209DA S1=XRP7       EKBD3    .
     02.01     01          A1         A2

     02.02                 A(1061) BB2410R  BB2409C  =BB2310R
                           0021
     03.00 BB2110DA R2=ERF3

1070.00.00 ERC       FF        AB
     01.00 BB1311R  O1=ERC2
                           XXXX       0002
     02.00 BB1412DA S1=XRC7       EKBD3    .
     02.01     01          A1         A2

     02.02                 A(1071) BB1611R  BB1610C  =BB1511R
                           0021
     03.00 BB1310DA R2=ERF3

1080.00.00 EDV       FF        AB
     01.00 BB0712R  O1=EDV1
     02.00 BB0711R  O2=EDV2
                           XXXX       0002
     03.00 BB0609DA S1=XDV7       EKBD3    .
     03.01     01          A1         A2

     03.02                 A(1081) BB0514R  BB0508C  =BB0614R
                           0021
     04.00 BB0510DA R2=ERF3

1090.00.00 EMU       FF        AB
     01.00 BB0312R  O1=EMU1
     02.00 BB0311R  O2=EMU2
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```
1090.00.00 EMU      FF       AB CONTINUED FROM PREVIOUS PAGE
                      XXXX      0002
     03.00 BB0210DA S1=XMU7     EKBD3    .
     03.01    01       A1       A2

     03.02             A(1091) BB0109R  BB0309C  =BB0209R
                       0021
     04.00 BB0410DA R2=ERF3

1100.00.00 ECF      FF       AB
     01.00 BB0903R  O1=ECF1
     02.00 BB0803R  O2=ECF2
                      1100      1030
     03.00 BB0719DA S1=ECF2     ESD1     .
     03.01    01       A1       A2

     03.02             A(1101) BB1322R  BB1624C* =BB1422R
                       XXXX      0002
     04.00 BB0707DA S2=XCF7     EKBD3    .
     04.01    01       A1       A2

     04.02             A(1102) BB0809R  BB0808C  =BB0709R
                       0036      1470
     05.00 BB1008DA R3=MOFL3    HOME1    .
     05.01    01       A1       A2

     05.02             A(1103) BB0909R  BB0910C  =BB1009R
                       0040      1470
     06.00 BB1007DA R4=PS153    HOME1    .
     06.01    01       A1       A2

     06.02             A(1104) BB0911R  BB0710C  =BB1011R
                       0003
     07.00 BB1002DA R5=EROF9

1110.00.00 ECD      FF       AB
     01.00 BB1303R  O1=ECD1
     02.00 BB1203R  O2=ECD2
                      XXXX      0002
     03.00 BB1107DA S1=XCD7     EKBD3    .
     03.01    01       A1       A2

     03.02             A(1111) BB1408R  BB1409C  =BB1308R
                       XXXX      0032
     04.00 BB1108DA S2=XDP7     DBSL3    .
     04.01    01       A1       A2

     04.02             A(1112) BB1109R  BB1210C  =BB1209R
                       0040      1470
     05.00 BB1407DA R3=PS153    HOME1    .
     05.01    01       A1       A2

     05.02             A(1104) BB0911R  BB0710C  =BB1011R
                       0003
     06.00 BB1102DA R4=EROF9

1120.00.00 ESQ      FF       AB
     01.00 BB0602R  O1=ESQ1
     02.00 BB0402R  O2=ESQ2
                      XXXX      0002
     03.00 BB0307DA S1=XSQ7     EKBD3    .
     03.01    01       A1       A2

     03.02             A(1121) BB0607R  BB0408C  =BB0507R
                       0021
     04.00 BB1702DA R2=ERF3

1130.00.00 ECFS     FF       AB
     01.00 AB1919R  O1=ECFS1
     02.00 AB1819R  O2=ECFS2
                      1130      1100
     03.00 AB1713DA S1=ECFS2    ECF1     .
     03.01    01       A1       A2

     03.02             A(1131) AB1809R  AB1811C  =AB1709R
                       1130      1110
     04.00 AB2013DA R2=ECFS1    ECD2     .
     04.01    01       A1       A2
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1130.00.00 ECFS      FF        AB CONTINUED FROM PREVIOUS PAGE
     04.02                A(1132) AB1912R  AB1710C  =AB2012R
                           0003
     05.00 AB1720DA S3=EROF9

1140.00.00 EDPS      FF        AB
     01.00 AB2112R  O1=EDPS1
     02.00 AB2119R  O2=EDPS2
                           1140      1130
     03.00 AB2107DA S1=EDPS2      ECFS1     .
     03.01    01          A1        A2

     03.02                A(1141) AB2206R  AB1907C  =AB2106R
                           XXXX      0002
     04.00 AB2109DA S2=XDP7       EKBD3     .
     04.01    01          A1        A2

     04.02                A(1142) AB1909R  AB1910C  =AB2009R
                           0101      0018
     05.00 AB2108DA S3=DSZ3       P4SD3     .
     05.01    01          A1        A2

     05.02                A(1143) AB1708R  AB1908C  =AB1808R
                           1140      1100
     06.00 AB2205DA R4=EDPS1      ECF2      .
     06.01    01          A1        A2

     06.02                A(1144) AB2006R  AB1706C  =AB1906R
                           1140      0074
     07.00 AB2204DA R5=EDPS1      RCRO3     .
     07.01    01          A1        A2

     07.02                A(1145) AB2005R  AB1705C  =AB1905R
                           1140      0063
     08.00 AB2203DA R6=EDPS1      AIRX3     .
     08.01    01          A1        A2

     08.02                A(1146) AB2004R  AB1704C  =AB1904R
                           0003
     09.00 AB0422DA R7=EROF9

1150.00.00 ASC       FF        AB
     01.00 CB2103R  O1=ASC1
     02.00 CB2003R  O2=ASC2
                           1470      1020                1150
     03.00 CB1912DA S1=HOME1      EAS1      +         ASC2      .
     03.01    01          A1        A2
     03.02    02                                AB1       B2

     03.03                A(0004) CB1916DA CB2020DA =CB2018R  B(1151) CB2022C  CB2013R  =CB1913R
     03.04
                           1150      0006
     04.00 CB1911DA S2=ASC2       RSCT3     .
     04.01    01          A1        A2

     04.02                A(1152) CB2014R  CB2015   =CB1914R
                           1150      0006
     05.00 CB2212DA R3=ASC1       RSCT3     .
     05.01    01          A1        A2

     05.02                A(1153) CB2113R  CB2214C  =CB2213R
                           XXXX      1020
     06.00 CB2211DA R4=XSU7       EAS1      .
     06.01    01          A1        A2

     06.02                A(1154) CB2115R  CB2116C  =CB2215R

1160.00.00 PC8       FF        AB
     01.00 DB0324R  O1=PC81
     02.00 DB0124R  O2=PC82
                           1120      1180
     03.00 DB0529DA S1=ESQ2       PC21      .
     03.01    01          A1        A2

     03.02                A(1161) DB0330R  DB0623C  =DB0430R
                           1160      1170
     04.00 DB0530DA S2=PC82       PC42      .
     04.01    01          A1        A2
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1160.00.00 PC8       FF        AB CONTINUED FROM PREVIOUS PAGE
     04.02                  A(1162) DB0527R  DB0628C  =DB0627R
                             0009     1470
     05.00 DB0526DA R3=PJQ33     HOME1     .
     05.01     01         A1        A2

     05.02                  A(1163) DB1021R  DB0624C  =DB0921R
                             0023
     06.00 DB0522DA R4=ECFD4

1170.00.00 PC4       FF        AB
     01.00 DB0313R  01=PC41
     02.00 DB0213R  02=PC42
                             0016     1180
     03.00 DB0120DA S1=EMDQ4     PC21      .
     03.01     01         A1        A2

     03.02                  A(1171) DB0618R  DB0619C  =DB0518R
                             1120     1460
     04.00 DB0119DA S2=ESQ1      ACOF2     .
     04.01     01         A1        A2

     04.02                  A(1172) DB0420R  DB0419C  =DB0320R
                             0007     1180
     05.00 DB0121DA S3=PE4F5     PC22      .
     05.01     01         A1        A2

     05.02                  A(1173) DB0321R  DB0621C  =DB0421R
                             0009     1470
     06.00 DB0517DA R4=PJQ33     HOME1     .
     06.01     01         A1        A2

     06.02                  A(1163) DB1021R  DB0624C  =DB0921R
                             0084     1470
     07.00 DB0515DA R5=MMDL3     HOME1     .
     07.01     01         A1        A2

     07.02                  A(1175) DB0612R  DB0613C  =DB0512R
                             1170     1180
     08.00 DB0516DA R6=PC41      PC22      .
     08.01     01         A1        A2

     08.02                  A(1176) DB0514R  DB0620C  =DB0614R
                             0023
     09.00 DB0511DA R7=ECFD4

1180.00.00 PC2       FF        AB
     01.00 DB0305R  01=PC21
     02.00 DB0205R  02=PC22
                             1180     1190
     03.00 DB0510DA S1=PC22      PC12      .
     03.01     01         A1        A2

     03.02                  A(1181) DB0605R  DB0509C  =DB0505R
                             1180     1190
     04.00 DB0507DA R2=PC21      PC12      .
     04.01     01         A1        A2

     04.02                  A(1182) DB0606R  DB0508C  =DB0506R
                             0023
     05.00 DB0504DA R3=ECFD4

1190.00.00 PC1       FF        AB
     01.00 DB2502R  01=PC11
     02.00 DB2302R  02=PC12
                             1190     0030
     03.00 DB2106DA S1=PC12      PIC5      .
     03.01     01         A1        A2

     03.02                  A(1191) DB2203R  DB2107C  =DB2103R
                             1190     0030
     04.00 DB2508DA R2=PC11      PIC5      .
     04.01     01         A1        A2

     04.02                  A(1192) DB2408R  DB2108C  =DB2308R
                             0023
     05.00 DB0101DA R3=ECFD4
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```
1200.00.00 DC8       FF        AB
     01.00 AB1419R   O1=DC81
     02.00 AB1519R   O2=DC82
                      XXXX      1140
     03.00 AB1610DA  S1=XD107    EDPS1     .
     03.01    01       A1        A2

     03.02              A(1201) AB1508R  AB1509C  *AB1608R
                      XXXX      1140
     04.00 AB1310DA  S2=XD147    EDPS1     .
     04.01    01       A1        A2

     04.02              A(1202) AB1408R  AB1409C  *AB1308R
                      1200      1210
     05.00 AB1613DA  S3=DC82     DC42      .
     05.01    01       A1        A2

     05.02              A(1203) AB1512R  AB1511C  *AB1612R
                      1200      1210
     06.00 AB1313DA  R4=DC81     DC42      .
     06.01    01       A1        A2

     06.02              A(1204) AB1412R  AB1411C  *AB1312R
                      0003
     07.00 AB1620DA  R5=EROF9

1210.00.00 DC4       FF        AB
     01.00 AB1019R   O1=DC41
     02.00 AB1119R   O2=DC42
                      XXXX      0074
     03.00 AB1210DA  S1=XD137    RCRO3     .
     03.01    01       A1        A2

     03.02              A(1211) AB1106R  AB1105C  *AB1206R
                      XXXX      1140
     04.00 AB0909DA  S2=XD117    EDPS1     .
     04.01    01       A1        A2

     04.02              A(1212) AB1007R  AB1008C  *AB0907R
                      XXXX      1140
     05.00 AB1209DA  S3=XD157    EDPS1     .
     05.01    01       A1        A2

     05.02              A(1213) AB1107R  AB1108C  *AB1207R
                      XXXX      0063
     06.00 AB0910DA  S4=XD197    AIRX3     .
     06.01    01       A1        A2

     06.02              A(1214) AB1006R  AB1005C  *AB0906R
                      1210      1220
     07.00 AB1213DA  S5=DC42     DC22      .
     07.01    01       A1        A2

     07.02              A(1215) AB1112R  AB1111C  *AB1212R
                      1210      1220
     08.00 AB0913DA  R6=DC41     DC22      .
     08.01    01       A1        A2

     08.02              A(1216) AB1012R  AB1011C  *AB0912R
                      0003
     09.00 AB1220DA  R7=EROF9

1220.00.00 DC2       FF        AC
     01.00 AB0619R   O1=DC21
     02.00 AB0719R   O2=DC22
                      0011      0074
     03.00 AB0810DA  S1=DPOQ3    RCRO3     .
     03.01    01       A1        A2

     03.02              A(1221) AB0706R  AB0705C  *AB0806R
                      XXXX      1140
     04.00 AB0509DA  S2=XD127    EDPS1     .
     04.01    01       A1        A2

     04.02              A(1222) AB0607R  AB0608C  *AB0507R
                      XXXX      1140
     05.00 AB0809DA  S3=XD167    EDPS1     .
     05.01    01       A1        A2
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1220.00.00 DC2      FF       AC CONTINUED FROM PREVIOUS PAGE
     05.02                A(1223) AB0707R  AB0708C  =AB0807R
                          1080     0063
     06.00 AB0510DA S4=EDV1     AIRX3    .
     06.01    01         A1       A2

     06.02                A(1224) AB0606R  AB0605C  =AB0506R
                          1220     1230
     07.00 AB0813DA S5=DC22     DC12     .
     07.01    01         A1       A2

     07.02                A(1225) AB0712R  AB0711C  =AB0812R
                          1220     1230
     08.00 AB0513DA R6=DC21     DC12     .
     08.01    01         A1       A2

     08.02                A(1226) AB0612R  AB0611C  =AB0512R
                          0003
     09.00 AB0820DA R7=EROF9

1230.00.00 DC1      FF       AC
     01.00 AB0219R  O1=DC11
     02.00 AB0319R  O2=DC12
                          XXXX     1140
     03.00 AB0110DA S1=XD137    EDPS1    .
     03.01    01         A1       A2

     03.02                A(1231) AB0208R  AB0209C  =AB0108R
                          XXXX     1140
     04.00 AB0410DA S2=XD177    EDPS1    .
     04.01    01         A1       A2

     04.02                A(1232) AB0308R  AB0309C  =AB0408R
                          1230     0102
     05.00 AB0413DA S3=DC12     DIC5     .
     05.01    01         A1       A2

     05.02                A(1233) AB0312R  AB0311C  =AB0412R
                          1230     0102
     06.00 AB0113DA R4=DC11     DIC5     .
     06.01    01         A1       A2

     06.02                A(1234) AB0212R  AB0211C  =AB0112R
                          0003
     07.00 AB0420DA R5=EROF9

1240.00.00 AOFL     FF       AC
     01.00 CB2402R  O1=AOFL2
                          0028     1460
     02.00 CB2311DA S1=MAIS3    ACOF1    .
     02.01    01         A1       A2

     02.02                A(1241) CB2412R  CB2410C  =CB2312R
                          0197     0300
     03.00 CB2309DA S2=CDZ4     RSLO5    .
     03.01    01         A1       A2

     03.02                A(1242) CB2413R  CB2202D* =CB2313R
                          XXXX     0244
     04.00 CB2609D* R3=XCE7     TC14     .
     04.01    01         A1       A2

     04.02                A(1243) CB2610R* CB2610C* =CB1143R
                          0003
     05.00 CB2303DA R4=EROF9

1250.00.00 CA5      FF       AB
     01.00 EB0720R  O1=CA51
     02.00 EB1020R  O2=CA52
                          1260     0185
     03.00 EB0926DA S1=CA41     CIA9     .
     03.01    01         A1       A2

     03.02                A(1251) EB1030R  EB1031C  =EB0930R
                          1300     0174
     04.00 EB0927DA S2=CD51     SDA9     .
     04.01    01         A1       A2

     04.02                A(1252) EB0731R  EB0732C  =EB0831R
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1250.00.00 CA5      FF       AB CONTINUED FROM PREVIOUS PAGE
                       1260      0185
     05.00 EB0826DA R3=CA42      CIA9      .
     05.01    01       A1        A2

     05.02                A(1253) EB1032R  EB0733C  =EB0932R
                       1300      0174
     06.00 EB0827DA R4=CD52      SDA9      .
     06.01    01       A1        A2

     06.02                A(1254) EB1028R  EB1029C  =EB0928R
                       1250      0168
     07.00 EB0828DA R5=CA51      CRA9      .
     07.01    01       A1        A2

     07.02                A(1255) EB0730R  EB0729C  =EB0830R

1260.00.00 CA4      FF       AC
     01.00 EB1219R  01=CA41
     02.00 EB1419R  02=CA42
                       1270      0185
     03.00 EB1326DA S1=CA31      CIA9      .
     03.01    01       A1        A2

     03.02                A(1261) EB1430R  EB1431C  =EB1330R
                       1310      0174
     04.00 EB1327DA S2=CD41      SDA9      .
     04.01    01       A1        A2

     04.02                A(1262) EB1131R  EB1132C  =EB1231R
                       1270      0185
     05.00 EB1226DA R3=CA32      CIA9      .
     05.01    01       A1        A2

     05.02                A(1263) EB1432R  EB1133C  =EB1332R
                       1310      0174
     06.00 EB1227DA R4=CD42      SDA9      .
     06.01    01       A1        A2

     06.02                A(1264) EB1428R  EB1429C  =EB1328R
                       1260      0168
     07.00 EB1228DA R5=CA41      CRA9      .
     07.01    01       A1        A2

     07.02                A(1265) EB1130R  EB1129C  =EB1230R

1270.00.00 CA3      FF       AC
     01.00 EB1619R  01=CA31
     02.00 EB1819R  02=CA32
                       1280      0185
     03.00 EB1726DA S1=CA21      CIA9      .
     03.01    01       A1        A2

     03.02                A(1271) EB1830R  EB1831C  =EB1730R
                       1320      0174
     04.00 EB1727DA S2=CD31      SDA9      .
     04.01    01       A1        A2

     04.02                A(1272) EB1531R  EB1532C  =EB1631R
                       1280      0185
     05.00 EB1626DA R3=CA22      CIA9      .
     05.01    01       A1        A2

     05.02                A(1273) EB1832R  EB1533C  =EB1732R
                       1270      0168
     07.00 EB1628DA R5=CA31      CRA9      .
     07.01    01       A1        A2

     07.02                A(1275) EB1530R  EB1529C  =EB1630R
                       1320      0174
     08.00 EB1627DA R4=CD32      SDA9      .
     08.01    01       A1        A2

     08.02                A(1274) EB1828R  EB1829C  =EB1728R

1280.00.00 CA2      FF       AB
     01.00 EB2019R  01=CA21
     02.00 EB2219R  02=CA22
```

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```
1280.00.00 CA2      FF       AB CONTINUED FROM PREVIOUS PAGE
                      1290     0185
     03.00 EB2126DA S1=CA11    CIA9     .
     03.01    01       A1       A2

     03.02              A(1281) EB2230R  EB2231C  =EB2130R
                      1330     0174
     04.00 EB2127DA S2=CD21    SDA9     .
     04.01    01       A1       A2

     04.02              A(1282) EB1931R  EB1932C  =EB2031R
                      1290     0185
     05.00 EB2026DA R3=CA12    CIA9     .
     05.01    01       A1       A2

     05.02              A(1283) EB2232R  EB1933C  =EB2132R
                      1330     0174
     06.00 EB2027DA R4=CD22    SDA9     .
     06.01    01       A1       A2

     06.02              A(1284) EB2228R  EB2229C  =EB2128R
                      1280     0168
     07.00 EB2028DA R5=CA21    CRA9     .
     07.01    01       A1       A2

     07.02              A(1285) EB1930R  EB1929C  =EB2030R

1290.00.00 CA1      FF       AC
     01.00 EB2419R  01=CA11
     02.00 EB2619R  02=CA12
                      0139     0168
     03.00 EB2528DA S1=ASA13   CRA9     .
     03.01    01       A1       A2

     03.02              A(1291) EB2629R  EB2630C  =EB2529R
                      1340     0174
     04.00 EB2527DA S2=CD11    SDA9     .
     04.01    01       A1       A2

     04.02              A(1292) EB2331R  EB2332C  =EB2431R
                      1250  0185
     05.00 EB2526DA S3=CA52  CIA9  .
     05.01    01       A1    A2

     05.02              A(1293) EB2634R  EB2533C  =EB2534R
                       0140     0168
     06.00 EB2428DA R4=ARA13   CRA9     .
     06.01    01       A1       A2

     06.02              A(1294) EB2329R  EB2330C  =EB2429R
                      1340     0174
     07.00 EB2427DA R5=CD12    SDA9     .
     07.01    01       A1       A2

     07.02              A(1295) EB2631R  EB2532C  =EB2531R
                      1250     0185
     08.00 EB2426DA R6=CA51    CIA9     .
     08.01    01       A1       A2

     08.02              A(1296) EB2334R  EB2333C  =EB2434R

1300.00.00 CD5      FF       AB
     01.00 EB0703R  01=CD51
     02.00 EB1003R  02=CD52
                      1340     0176
     03.00 EB0912DA S1=CD12    CID9     .
     03.01    01       A1       A2

     03.02              A(1301) EB1013R  EB0711C  =EB0913R
                      1250     0153
     04.00 EB0910DA S2=CA51    SAD9     .
     04.01    01       A1       A2

     04.02              A(1302) EB0718R  EB1017C  =EB0818R
                       1450     0172
     05.00 EB0911DA S3=ACRY1   CRD9     .
     05.01    01       A1       A2

     05.02              A(1303) EB1015R  EB1014C  =EB0915R
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```
1300.00.00 CD5      FF       AB CONTINUED FROM PREVIOUS PAGE
                      XXXX      0082
     06.00 EB0909DA S4=XB597    ME1L3    .
     06.01    01       A1        A2

     06.02              A(1304) EB1018R  EB1218C  =EB0918R
                      1340      0176
     07.00 EB0814DA R5=CD11     CID9     .
     07.01    01       A1        A2

     07.02              A(1305) EB0712R  EB0713C  =EB0812R
                      1250      0153
     08.00 EB0809DA R6=CA52     SAD9     .
     08.01    01       A1        A2

     08.02              A(1306) EB1016R  EB0717C  =EB0916R
                      1450      0172
     09.00 EB0810DA R7=ACRY2    CRD9     .
     09.01    01       A1        A2

     09.02              A(1307) EB0716R  EB0715C  =EB0816R
                      0138      1470
     10.00 EB0734DA R8=CED55    HOME1    .
     10.01    01       A1        A2

     10.02              A(1308) EB1034R  EB0935C  =EB0934R

1310.00.00 CD4      FF       AB
     01.00 EB1103R  01=CD41
     02.00 EB1403R  02=CD42
                      1300      0176
     03.00 EB1311DA S1=CD51     CID9     .
     03.01    01       A1        A2

     03.02              A(1311) EB1412R  EB1413C  =EB1312R
                      1260      0153
     04.00 EB1310DA S2=CA41     SAD9     .
     04.01    01       A1        A2

     04.02              A(1312) EB1217R  EB1116C  =EB1117R
                       XXXX      0082
     05.00 EB1309DA S3=XB487    ME1L3    .
     05.01    01       A1        A2

     05.02              A(1313) EB1416R  EB1417C  =EB1316R
                      1300      0176
     06.00 EB1210DA R4=CD52     CID9     .
     06.01    01       A1        A2

     06.02              A(1314) EB1115R  EB1113C  =EB1215R
                      1260      0153
     07.00 EB1209DA R5=CA42     SAD9     .
     07.01    01       A1        A2

     07.02              A(1315) EB1414R  EB1415C  =EB1314R
                      1310      0172
     08.00 EB1211DA R6=CD41     CRD9     .
     08.01    01       A1        A2

     08.02              A(1316) EB1112R  EB1114C  =EB1212R

1320.00.00 CD3      FF       AB
     01.00 EB1503R  01=CD31
     02.00 EB1803R  02=CD32
                      1310      0176
     03.00 EB1711DA S1=CD41     CID9     .
     03.01    01       A1        A2

     03.02              A(1321) EB1812R  EB1813C  =EB1712R
                      1270      0153
     04.00 EB1710DA S2=CA31     SAD9     .
     04.01    01       A1        A2

     04.02              A(1322) EB1617R  EB1516C  =EB1517R
                       XXXX      0082
     05.00 EB1709DA S3=XB377    ME1L3    .
     05.01    01       A1        A2

     05.02              A(1323) EB1816R  EB1817C  =EB1716R
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1320.00.00 CD3      FF       AB CONTINUED FROM PREVIOUS PAGE
                     1310     0176
     06.00 EB1610DA R4=CD42     CID9     .
     06.01    01       A1       A2

     06.02             A(1324) EB1515R  EB1513C  =EB1615R
                       1270     0153
     07.00 EB1609DA R5=CA32     SAD9     .
     07.01    01       A1       A2

     08.02             A(1325) EB1814R  EB1815C  =EB1714R
                       1320     0172
     09.00 EB1611DA R6=CD31     CRD9     .
     09.01    01       A1       A2

     09.02             A(1326) EB1512R  EB1614C  =EB1612R

1330.00.00 CD2      FF       AB
     01.00 EB1903R  O1=CD21
     02.00 EB2203R  O2=CD22
                       1320     0176
     03.00 EB2111DA S1=CD31     CID9     .
     03.01    01       A1       A2

     03.02             A(1331) EB2212R  EB2213C  =EB2112R
                       1280     0153
     04.00 EB2110DA S2=CA21     SAD9     .
     04.01    01       A1       A2

     04.02             A(1332) EB2017R  EB2016C  =EB1917R
                       XXXX     0082
     05.00 EB2109DA S3=XB267    MEIL3    .
     05.01    01       A1       A2

     05.02             A(1333) EB2216R  EB2217C  =EB2116R
                       1320     0176
     06.00 EB2010DA R4=CD32     CID9     .
     06.01    01       A1       A2

     06.02             A(1334) EB1915R  EB1913C  =EB2015R
                       1280     0153
     07.00 EB2009DA R5=CA22     SAD9     .
     07.01    01       A1       A2

     07.02             A(1335) EB2214R  EB2215C  =EB2114R
                       1330     0172
     08.00 EB2011DA R6=CD21     CRD9     .
     08.01    01       A1       A2

     08.02             A(1336) EB1912R  EB1914C  =EB2012R

1340.00.00 CD1      FF       AB
     01.00 EB2303R  O1=CD11
     02.00 EB2603R  O2=CD12
                       1330     0176
     03.00 EB2511DA S1=CD21     CID9     .
     03.01    01       A1       A2

     03.02             A(1341) EB2612R  EB2613C  =EB2512R
                       1290     0153
     04.00 EB2510DA S2=CA11     SAD9     .
     04.01    01       A1       A2

     04.02             A(1342) EB2417R  EB2316C  =EB2317
                       XXXX     0082
     05.00 EB2509DA S3=XB157    MEIL3    .
     05.01    01       A1       A2

     05.02             A(1343) EB2616R  EB2617C  =EB2516R
                       1330     0176
     06.00 EB2410DA R4=CD22     CID9     .
     06.01    01       A1       A2

     06.02             A(1344) EB2315R  EB2313C  =EB2415R
                       1290     0153
     07.00 EB2409DA R5=CA12     SAD9     .
     07.01    01       A1       A2

     07.02             A(1345) EB2614R  EB2615C  =EB2514R
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```
1340.00.00 CD1       FF        AB CONTINUED FROM PREVIOUS PAGE
                        1340       0172
     08.00 EB2411DA R6=CD11       CRD9      .
     08.01     01          A1         A2

     08.02                 A(1346) EB2312R  EB2314C  =EB2412R

1350.00.00 CB5       FF        AB
     01.00 FB2019R  O1=CB51
     02.00 FB1719R  O2=CB52
                        1250       0158
     03.00 FB1912DA S1=CA51       SAB9      .
     03.01     01          A1         A2

     03.02                 A(1351) FB2010R  FB2011C  =FB1910R
                        1300       0160
     04.00 FB1913DA S2=CD51       SDB9      .
     04.01     01          A1         A2

     04.02                 A(1352) FB2008R  FB2009C  =FB1908R
                        1250       0158
     05.00 FB1812DA R3=CA52       SAB9      .
     05.01     01          A1         A2

     05.02                 A(1353) FB1710R  FB1711C  =FB1810R
                        1300       0160
     06.00 FB1813DA R4=CD52       SDB9      .
     06.01     01          A1         A2

     06.02                 A(1354) FB1708R  FB1709C  =FB1808R

1360.00.00 CB4       FF        AB
     01.00 FB1619R  O1=CB41
     02.00 FB1319R  O2=CB42
                        1260       0158
     03.00 FB1512DA S1=CA41       SAB9      .
     03.01     01          A1         A2

     03.02                 A(1361) FB1610R  FB1611C  =FB1510R
                        1310       0160
     04.00 FB1513DA S2=CD41       SDB9      .
     04.01     01          A1         A2

     04.02                 A(1362) FB1608R  FB1609C  =FB1508R
                        1260       0158
     05.00 FB1412DA R3=CA42       SAB9      .
     05.01     01          A1         A2

     05.02                 A(1363) FB1310R  FB1311C  =FB1410R
                        1310       0160
     06.00 FB1413DA R4=CD42       SDB9      .
     06.01     01          A1         A2

     06.02                 A(1364) FB1308R  FB1309C  =FB1408R

1370.00.00 CB3       FF        AB
     01.00 FB1219R  O1=CB31
     02.00 FB0919R  O2=CB32
                        1270       0158
     03.00 FB1112DA S1=CA31       SAB9      .
     03.01     01          A1         A2

     03.02                 A(1371) FB1210R  FB1211C  =FB1110R
                        1320       0160
     04.00 FB1113DA S2=CD31       SDB9      .
     04.01     01          A1         A2

     04.02                 A(1372) FB1208R  FB1209C  =FB1108R
                        1270       0158
     05.00 FB1012DA R3=CA32       SAB9      .
     05.01     01          A1         A2

     05.02                 A(1373) FB0910R  FB0911C  =FB1010R
                        1320       0160
     06.00 FB1013DA R4=CD32       SDB9      .
     06.01     01          A1         A2

     06.02                 A(1374) FB0908R  FB0909C  =FB1008R
```

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```
1380.00.00 CB2      FF       AB
     01.00 FB0819R  01=CB21
     02.00 FB0519R  02=CB22
                    1280     0158
     03.00 FB0712DA S1=CA21   SAB9     .
     03.01    01      A1       A2

     03.02               A(1381) FB0810R  FB0811C  *FB0710R
                    1330     0160
     04.00 FB0713DA S2=CD21   SDB9     .
     04.01    01      A1       A2

     04.02               A(1382) FB0808R  FB0809C  *FB0708R
                    1280     0158
     05.00 FB0612DA R3=CA22   SAB9     .
     05.01    01      A1       A2

     05.02               A(1383) FB0510R  FB0511C  *FB0610R
                    1330     0160
     06.00 FB0613DA R4=CD22   SDB9     .
     06.01    01      A1       A2

     06.02               A(1384) FB0508R  FB0509C  *FB0608R
                    1380     1520              0243
     07.00 FB0607DA R5=CB22   TFD1     +       TC13     .
     07.01    01      A1       A2
     07.02    02                        AB1      B2

     07.03               A(0194) FB0605DA FB0705DA *FB0806R  B(1385) FB0506C  FB0707R  *FB0807R
     07.04

1390.00.00 CB1      FF       AB
     01.00 FB0419R  01=CB11
     02.00 FB0119R  02=CB12
                    1290     0158
     03.00 FB0312DA S1=CA11   SAB9     .
     03.01    01      A1       A2

     03.02               A(1391) FB0410R  FB0411C  *FB0310R
                    1340     0160
     04.00 FB0313DA S2=CD11   SDB9     .
     04.01    01      A1       A2

     04.02               A(1392) FB0408R  FB0409C  *FB0308R
                    1290     0158
     05.00 FB0212DA R3=CA12   SAB9     .
     05.01    01      A1       A2

     05.02               A(1393) FB0110R  FB0111C  *FB0210R
                    1340     0160
     06.00 FB0213DA R4=CD12   SDB9     .
     06.01    01      A1       A2

     06.02               A(1394) FB0108R  FB0109C  *FB0208R
                    1380     1520              0243
     07.00 FB0207DA R5=CB22   TFD1     +       TC13     .
     07.01    01      A1       A2
     07.02    02                        AB1      B2

     07.03               A(0194) FB0605DA FB0705DA *FB0806R  B(1395) FB0106   FB0407R  *FB0307R
     07.04

1400.00.00 CC5      FF       AC
     01.00 FB2034R  01=CC51
     02.00 FB1734R  02=CC52
                    1350     0147
     03.00 FB1925DA S1=CB51   SBC9     .
     03.01    01      A1       A2

     03.02               A(1401) FB2020R  FB2021C  *FB1920R
                    1250     0149
     04.00 FB1924DA S2=CA51   SAC9     .
     04.01    01      A1       A2

     04.02               A(1402) FB2022R  FB2023C  *FB1922R
                    1440     0223
     05.00 FB1928DA S3=CC12   CIC9     .
     05.01    01      A1       A2
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1400.00.00 CC5      FF       AC CONTINUED FROM PREVIOUS PAGE
     05.02              A(1403) FB2026R  FB1726C  *FB1926R
                        1440     0223
     08.00 FB1828DA R6=CC11     CIC9     .
     08.01    01         A1       A2

     08.02              A(1406) FB2027R  FB1727C  *FB1927R

1410.00.00 CC4      FF       AC
     01.00 FB1634R  O1=CC41
     02.00 FB1334R  O2=CC42
                        1360     0147
     03.00 FB1525DA S1=CB41     SBC9     .
     03.01    01         A1       A2

     03.02              A(1411) FB1620R  FB1621C  *FB1520R
                        1260     0149
     04.00 FB1524DA S2=CA41     SAC9     .
     04.01    01         A1       A2

     04.02              A(1412) FB1622R  FB1623C  *FB1522R
                        1400     0223
     05.00 FB1528DA S3=CC51     CIC9     .
     05.01    01         A1       A2

     05.02              A(1413) FB1626R  FB1326C  *FB1526R
                        1400     0223
     08.00 FB1428DA R6=CC52     CIC9     .
     08.01    01         A1       A2

     08.02              A(1416) FB1627R  FB1327C  *FB1527R

1420.00.00 CC3      FF       AC
     01.00 FB1234R  O1=CC31
     02.00 FB0934R  O2=CC32
                        1370     0147
     03.00 FB1125DA S1=CB31     SBC9     .
     03.01    01         A1       A2

     03.02              A(1421) FB1220R  FB1221C  *FB1120R
                        1270     0149
     04.00 FB1124DA S2=CA31     SAC9     .
     04.01    01         A1       A2

     04.02              A(1422) FB1222R  FB1223C  *FB1122R
                        1410     0223
     05.00 FB1128DA S3=CC41     CIC9     .
     05.01    01         A1       A2

     05.02              A(1423) FB1226R  FB0926C  *FB1126R
                        1410     0223
     08.00 FB1028DA R6=CC42     CIC9     .
     08.01    01         A1       A2

     08.02              A(1426) FB1227R  FB0927   *FB1127R

1430.00.00 CC2      FF       AC
     01.00 FB0834R  O1=CC21
     02.00 FB0534R  O2=CC22
                        1380     0147
     03.00 FB0725DA S1=CB21     SBC9     .
     03.01    01         A1       A2

     03.02              A(1431) FB0820R  FB0821C  *FB0720R
                        1280     0149
     04.00 FB0724DA S2=CA21     SAC9     .
     04.01    01         A1       A2

     04.02              A(1432) FB0822R  FB0823C  *FB0722R
                        1420     0223
     05.00 FB0728DA S3=CC31     CIC9     .
     05.01    01         A1       A2

     05.02              A(1433) FB0826R  FB0526C  *FB0726R
                        1420     0223
     08.00 FB0628DA R6=CC32     CIC9     .
     08.01    01         A1       A2

     08.02              A(1436) FB0827R  FB0527C  *FB0727R
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```
1440.00.00 CC1      FF       Ac
     01.00 FB0434R  O1=CC11
     02.00 FB0134R  O2=CC12
                    1390     0147
     03.00 FB0325DA S1=CB11   SBC9    .
     03.01    01      A1       A2

     03.02                A(1441) FB0420R  FB0421C  =FB0320R
                          1290    0149
     04.00 FB0324DA S2=CA11   SAC9    .
     04.01    01      A1       A2

     04.02                A(1442) FB0422R  FB0423C  =FB0322R
                          1430    0223
     05.00 FB0328DA S3=CC21   CIC9    .
     05.01    01      A1       A2

     05.02                A(1443) FB0426R  FB0126C  =FB0326R
                          1430    0223
     08.00 FB0228DA R6=CC22   CIC9    .
     08.01    01      A1       A2

     08.02                A(1446) FB0427R  FB0127C  =FB0327R

1450.00.00 ACRY     FF       AB
     01.00 EB0120R  O1=ACRY1
     02.00 EB0320R  O2=ACRY2
                    1450     0166
     03.00 EB0424DA S1=ACRY2  AID53   .
     03.01    01      A1       A2

     03.02                A(1451) EB0425R  EB0426C  =EB0325R
                          0187    0185
     04.00 EB0218DA S2=AESA3  CIA9    .
     04.01    01      A1       A2

     04.02                A(1452) EB0219R  EB0616C  =EB0119R
                          1450    1470
     05.00 EB0216DA R3=ACRY1  HOME1   .
     05.01    01      A1       A2

     05.02                A(1453) EB0129R  EB0131C  =EB0229R
                          0189    0185
     06.00 EB0215DA R4=AERS3  CIA9    .
     06.01    01      A1       A2

     06.02                A(1454) EB0214R  EB0615C  =EB0114R
                          0193    0178
     07.00 EB0416DA R5=CA94   ARCA3   .
     07.01    01      A1       A2

     07.02                A(1455) EB0418R  EB0317C  =EB0318R
                          0142    0168
     08.00 EB0217DA R6=AERM3  CRA9    .
     08.01    01      A1       A2

     08.02                A(1456) EB0130R  EB0128C  =EB0230R
                          0003
     09.00 CB0506DA R7=EROF9
                          0065
     10.00 EB0936DA S8=ASCQ3

1460.00.00 ACOF     FF       AB
     01.00 CB0803R  O1=ACOF1
     02.00 CB0702R  O2=ACOF2
                    1460     1470              1450
     03.00 CB0509DA S1=ACOF1  HOME1   +        ACRY1    .
     03.01    01      A1       A2
     03.02    02                        AB1      B2

     03.03                A(0190) CB0510DA CB0511DA =CB0602R  B(1461) CB0603C  CB0604R  =CB0504R
     03.04
                          1460     1470
     04.00 CB0710DA R2=ACOF1  HOME1   .
     04.01    01      A1       A2

     04.02                A(1462) CB0811R  CB0512C  =CB0711R
                          0003
     05.00 CB0505DA R3=EROF9
```

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```
1470.00.00 HOME      FF        AB
     01.00 HB0136R   O1=HOME1
     02.00 HB0435R   O2=HOME2
                      1470      1590
     03.00 HB0429DA  S1=HOME2  TFL2      .
     03.01    01       A1       A2

     03.02             A(1471) HB0328R  HB0327C  =HB0428R
                      1470      0185
     04.00 HB0129DA  R2=HOME1  CIA9      .
     04.01    01       A1       A2

     04.02             A(1472) HB0228R  HB0227C  =HB0128R
                      0001
     05.00 HB0326DA  R3=ESTA3

1480.00.00 TCLK      FF        AB
     01.00 HB0735R   O1=TCLK1
     02.00 HB0936R   O2=TCLK2
                      1480      0199
     03.00 HB1029DA  S1=TCLK2  TOSC3     .
     03.01    01       A1       A2

     03.02             A(1481) HB1026C  HB1027R  =HB0927R
                      1480      0199
     04.00 HB0729DA  R2=TCLK1  TOSC3     .
     04.01    01       A1       A2

     04.02             A(1482) HB0726C  HB0827R  =HB0727R

1490.00.00 TFA       FF        AB
     01.00 HB1135R   O1=TFA1
     02.00 HB1435R   O2=TFA2
                      1490      1480
     03.00 HB1429DA  S1=TFA2   TCLK2     .
     03.01    01       A1       A2

     03.02             A(1491) HB1428R  HB1325C  =HB1328R
                      1490      1480
     04.00 HB1129DA  R2=TFA1   TCLK2     .
     04.01    01       A1       A2

     04.02             A(1492) HB1228R  HB1226C  =HB1128R
                      0200
     05.00 HB1426DA  S3=HOME3

1500.00.00 TFB       FF        AB
     01.00 HB1535R   O1=TFB1
     02.00 HB1835R   O2=TFB2
                      1500      1490
     03.00 HB1829DA  S1=TFB2   TFA2      .
     03.01    01       A1       A2

     03.02             A(1501) HB1828R  HB1725C  =HB1728R
                      1500      1490
     04.00 HB1529DA  R2=TFB1   TFA2      .
     04.01    01       A1       A2

     04.02             A(1502) HB1628R  HB1626C  =HB1528R
                      0200
     05.00 HB1826DA  S3=HOME3

1510.00.00 TFC       FF        AB
     01.00 HB1935R   O1=TFC1
     02.00 HB2235R   O2=TFC2
                      1510      1500
     03.00 HB2229DA  S1=TFC2   TFB2      .
     03.01    01       A1       A2

     03.02             A(1511) HB2228R  HB2127C  =HB2128R
                      1510      1500
     04.00 HB1929DA  R2=TFC1   TFB2      .
     04.01    01       A1       A2

     04.02             A(1512) HB2028R  HB2027C  =HB1928R

1520.00.00 TFD       FF        AB
     01.00 HB2436R   O1=TFD1
     02.00 HB2635R   O2=TFD2
```

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```
1520.00.00 TFD       FF        AB CONTINUED FROM PREVIOUS PAGE
                        1520      1510
     03.00 HB2629DA S1=TFD2       TFC2      .
     03.01     01          A1        A2

     03.02                A(1521) HB2628R  HB2527C  =HB2528R
                        1520      1510
     04.00 HB2329DA R2=TFD1       TFC2      .
     04.01     01          A1        A2

     04.02                A(1522) HB2428R  HB2427C  =HB2328R

1530.00.00 TFE       FF        AB
     01.00 HB2424R  O1=TFE1
     02.00 HB2623R  O2=TFE2
                        1530      1520
     03.00 HB2617DA S1=TFE2       TFD2      .
     03.01     01          A1        A2

     03.02                A(1531) HB2616R  HB2615C  =HB2516R
                        1530      1520
     04.00 HB2317DA R2=TFE1       TFD2      .
     04.01     01          A1        A2

     04.02                A(1532) HB2416R  HB2415C  =HB2316R

1540.00.00 TFF       FF        AB
     01.00 HB2024R  O1=TFF1
     02.00 HB2223R  O2=TFF2
                        0201
     03.00 HB1324C  S1=TFG3
                        1540      1530
     04.00 HB2217DA S2=TFF2       TFE2      .
     04.01     01          A1        A2

     04.02                A(1542) HB2216R  HB2215C  =HB2116R
                        1540      1530
     05.00 HB1917DA R3=TFF1       TFE2      .
     05.01     01          A1        A2

     05.02                A(1543) HB2016R  HB2015C  =HB1916R

1550.00.00 TFG       FF        AB
     01.00 HB1624R  O1=TFG1
     02.00 HB1823R  O2=TFG2
                        1550      1540
     03.00 HB1817DA S1=TFG2       TFF2      .
     03.01     01          A1        A2

     03.02                A(1551) HB1816R  HB1815C  =HB1716R
                        1550      1540
     04.00 HB1517DA R2=TFG1       TFF2      .
     04.01     01          A1        A2

     04.02                A(1552) HB1616R  HB1615C  =HB1516R
                         1470
     05.00 HB0736C  R3=HOME2

1560.00.00 TFH       FF        AB
     01.00 HB1023R  O1=TFH1
     02.00 HB1223R  O2=TFH2
                        1560      0201
     03.00 HB1217DA S1=TFH2       TFG3      .
     03.01     01          A1        A2

     03.02                A(1561) HB1215C  HB1116R  =HB1216R
                        1560      0201
     04.00 HB0917DA R2=TFH1       TFG3      .
     04.01     01          A1        A2

     04.02                A(1562) HB0715C  HB1018R  =HB0918R

1570.00.00 TFJ       FF        AB
     01.00 HB0523R  O1=TFJ1
     02.00 HB0823R  O2=TFJ2
                        1570      1560
     03.00 HB0818DA S1=TFJ2       TFH2      .
     03.01     01          A1        A2
```

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```
1570.00.00 TFJ       FF        AB CONTINUED FROM PREVIOUS PAGE
     03.02                  A(1571) HB0717R  HB1025C  *HB0817R
                            1570     1560
     04.00 HB0617DA R2=TFJ1      TFH2     .
     04.01     01        A1        A2

     04.02                  A(1572) HB0518R  HB0825C  *HB0618R

1580.00.00 TFK       FF        AB
     01.00 HB0614R  O1=TFK1
     02.00 HB0714R  O2=TFK2
                            1580     1570
     03.00 HB0807DA S1=TFK2      TFJ2     .
     03.01     01        A1        A2

     03.02                  A(1581) HB0708R  HB0705C  *HB0808R
                            1580     1570
     04.00 HB0607DA R2=TFK1      TFJ2     .
     04.01     01        A1        A2

     04.02                  A(1582) HB0608R  HB0605C  *HB0508R

1590.00.00 TFL       FF        AB
     01.00 HB0209R  O1=TFL1
     02.00 HB0210R  O2=TFL2
                            1590     1580
     03.00 HB0403DA S1=TFL2      TFK2     .
     03.01     01        A1        A2

     03.02                  A(1591) HB0304R  HB0310C  *HB0404R
                            1590     1580
     04.00 HB0203DA R2=TFL1      TFK2     .
     04.01     01        A1        A2

     04.02                  A(1592) HB0204R  HB0202C  *HB0104R

1600.00.00 TFM       FF        AB
     01.00 HB2314R  O1=TFM1
     02.00 HB2614R  O2=TFM2
                            1600     1590
     03.00 HB2607DA S1=TFM2      TFL2     .
     03.01     01        A1        A2

     03.02                  A(1601) HB2506R  HB2505C  *HB2606R
                            1600     1590
     04.00 HB2407DA R2=TFM1      TFL2     .
     04.01     01        A1        A2

     04.02                  A(1602) HB2308R  HB2305C  *HB2408R
                            1620
     05.00 HB1708R  R3=TFP1

1610.00.00 TFN       FF        AB
     01.00 HB1914R  O1=TFN1
     02.00 HB2114R  O2=TFN2
                            1610     1600
     03.00 HB2207DA S1=TFN2      TFM2     .
     03.01     01        A1        A2

     03.02                  A(1611) HB2106R  HB2205C  *HB2206R
                            1610     1600
     04.00 HB2007DA R2=TFN1      TFM2     .
     04.01     01        A1        A2

     04.02                  A(1612) HB1908R  HB1905C  *HB2008R

1620.00.00 TFP       FF        AC
     01.00 HB1514R  O1=TFP1
     02.00 HB1814R  O2=TFP2
                            1620  1590
     03.00 HB1511DA S1=TFP2      TFL2  .
     03.01     01        A1        A2

     03.02                  A(1621) HB1606R  HB1806C  *HB1506R
                            1620  1610
     04.00 HB1507DA R2=TFP1      TFN2  .
     04.01     01        A1        A2

     04.02                  A(1622) HB1612R  HB1613C  *HB1512R
```

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```
1630.00.00 YYC       FF        AB
     01.00 GB2109R   O1=YYC1
                       0246       0257
     02.00 GB1913DA  S1=TC23      YCPR4     .
     02.01     01          A1         A2

     02.02                 A(1631) GB1915R  GB2014C  =GB2015R
                            0260      0257
     03.00 GB2113DA  R2=TC153     YCPR4     .
     03.01     01          A1         A2

     03.02                 A(1632) GB2215R  GB2114C  =GB2115R

1640.00.00 ECY       FF        AB
     01.00 BB1717R   O1=ECY1
     02.00 BB1617R   O2=ECY2
                       1640       0002
     03.00 BB2020DA  R1=ECY1      EK8D3     .
     03.01     01          A1         A2

     03.02                 A(1641) BB1921R  BB2120C  =BB2021R
                            XXXX
     04.00 BB1822DA  S2=XCY7

1650.00.00 AEC2      FF        AA
     01.00 00000000  O1=AEC2
                            0082
**   02.00 **1650**  S1=ME1L3
                            XXXX    1130
**   03.00 **1650**  R2=XCE7   ECFS1   .
     03.01     01          A1     A2

**   03.02                 A(1652) **1652** **1652** =RB3936R
                            0003
     04.00 00000000  R3=EROF9
```

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SECTION III - CONSTRUCTION FILE

SPECIAL NOTES

1. In the upper right hand corner of each page is a revision code and date. Revisions, as distributed, will be printed on "pink" paper, which should be inserted facing the page that is revised. Each Revision will be identified by a later alphabetical letter and a later date, which serves to identify the revision in a group of revisions.

2. When revision pages are received, do not destroy older revisions or pages unless otherwise directed.

3. To identify, if not otherwise identified, the changes on each revision page, check the revision letters in the left hand margin of each item on that page. Each later revision will contain a later alphabetical letter. For example; Revision AD is a change to AA, AB, or AC.

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
AB	0001.000.0	BB025 015	D	A			1	0223292	I1	1N662	INPUT
	001.0	BB024 015	R		2			0223403		6.8K OHM 5PC 1/2W	LOAD
	002.0	BB026 013	R		2		1	0223403		6.8K OHM 5PC 1/2W	COUPLING
	003.0	BB025 014	C					0804159		330 PF 10PC 100V MICA	SPEED UP
	004.0						1				
	005.0	BB026 011	R		2			0804044		22K OHM 5PC 1/2W	BIAS +6V
	006.0	BB223 068	Q	B	1	1	1	0223297		2N1305	INV
	007.0			C			1				T P11-20, ESTA3
	008.0	BB026 002	R		2		1	0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
	009.0						1				
AC	0002.000.0	BB004 017	R		2			0223403	I1	6.8K OHM 5PC 1/2W	F P10-L, EKBD3
	001.0	BB001 013	R					0804044		22K OHM 5PC 1/2W	BIAS +6V
	002.0	BB011 068	Q	B		1		0223297		2N1305	INV
	003.0	BB002 021	R		2			0223326		15K OHM 5PC 1/2W	F P10-B, -80V
	004.0	BB001 014	R					0804037		330 OHM 5PC 1/2W	
	004.1	BB007 082	C	P		3		0804099		2 MFD 50V ELECTROLYTIC	
	004.2	BB023 082	C	M		3					
	006.0	BB002 016	R		2			0804034		220 OHM 5PC 1/2W	
	007.0	BB011 096	Q	B		1		0804008		2N1304	
	008.0	BB001 020	R					0804044		22K OHM 5PC 1/2W	+6V
	009.0	BB002 017	R		2			0804037		330 OHM 5PC 1/2W	
	010.0	BB023 096	Q	B	1	1		0223297		2N1305	
	011.0	BB003 019	D	A				0223292		1N662	
	012.0	BB004 018	D	A	2			0223292		1N662	
	013.0	BB003 016	R				1	0223253	O1	2.2K OHM 5PC 1/2W	-12V
AA	0003.000.0	BB002 004	D	A	2		1	0223292	I1	1N662	F P10-7, XOF7
	001.0			C			1				
	002.0	BB004 001	D	A	2			0223292	I2	1N662	GATE
	003.0	BB003 021				2	1	FH0000000		FEED THROUGH HOLE	
	004.0	BB002 005	D	A	2		1	0223292	I3	1N662	GATE
	005.0			C			1				
	006.0	BB001 001	R					0223403		6.8K OHM 5PC 1/2W	LOAD -12V
	007.0	BB011 024	Q	B		1	1	0804008		2N1304	EF
	008.0	BB002 003	R		2			0804048		68K OHM 5PC 1/2W	DIVIDER GND
	009.0	BB001 002	R					0223401	O1	4.7K OHM 5PC 1/2W	LOAD -12V
AA	0004.000.0	CB018 028				2	1	FH0000000		FEED THROUGH HOLE	F P8-12, HOME1
	001.0	CB019 016	D	A			1	0223292	I1	1N662	GATE
	002.0			C			1				
	003.0	CB020 020	D	A	2		1	0223292	I2	1N662	F P8-W, EAS1
	004.0	CB020 019	R		2		1	0223328		33K OHM 5PC 1/2W	DIVIDER GND
	005.0	CB020 018	R		2		1	0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
	006.0						1				
AA	0005.000.0	CB022 025	D	A	2			0223292	I1	1N662	GATE
	001.0			C			1				
	002.0	CB019 025	D	A			1	0223292	I2	1N662	F P8-Z, TFF1
	003.0			C			1				
	004.0	CB019 028				2	1	FH0000000		FEED THROUGH HOLE	F P8-11, EAS2
	005.0	CB019 023	D	A			1	0223292	I3	1N662	GATE
	006.0			C			1				
	007.0	CB019 027				2	1	FH0000000		FEED THROUGH HOLE	F P8-10, TC14
	008.0	CB019 024	D	A			1	0223292	I4	1N662	GATE
	009.0			C			1				
	010.0	DB078 003				3	1	FH0000000		FEED THROUGH HOLE	
	011.0	CB156 003				3	1	FH0000000		FEED THROUGH HOLE	
	012.0	CB019 017	D	A			1	0223292	I5	1N662	GATE
	013.0			C			1				
	014.0	CB020 021	R		2		1	0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
	015.0						1				
AA	0006.000.0	CB021 023	R				1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	CB021 024	C				1	0804156		100 PF 10PC 100V MICA	SPEED UP
	003.0						1				

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	004.0	CB022 022	R		2		1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	005.0						1				
	006.0	CB021 026				2	1	FH0000000		FEED THROUGH HOLE	F P8-6. +6V
	007.0	CB022 021	D	A	2		1	0223292		1N662	CLAMP
	008.0			C			1				
	009.0	CB189 083	Q	B	1	1	1	0804111		2N2635	INV
	010.0			C			1				
	011.0	CB022 018	R		2		1	0223358		27K OHM 5PC 1/2W	DIVIDER GND
	012.0						1				
	013.0	CB022 017	R		2		1	0223257	01	10K OHM 5PC 1/2W	LOAD -12V
	014.0	CB021 019				2	1	FH0000000		FEED THROUGH HOLE	
	015.0	CB021 020				2	1	FH0000000		FEED THROUGH HOLE	
AA	0007.000.0	DB001 022	D	A			1	0223292	11	1N662	GATE
	001.0			C			1				
	002.0	DB001 002	D	A				0223292	12	1N662	GATE
	003.0			C			1				
	004.0	DB001 003	D	A				0223292	13	1N662	GATE
	005.0			C			1				
	006.0	DB003 001	R				1	0223393	01	12K OHM 5PC 1/2W	LOAD -12V
	007.0						1				
AA	0008.000.0	DB009 008	D	A			1	0223292	11	1N662	GATE
	001.0			C			1				
	002.0	CB168 113				3	1	FH0000000		FEED THROUGH HOLE	F P8-8. DS23
	003.0	CB165 003				3	1	FH0000000		FEED THROUGH HOLE	
	004.0	DB069 003				3	1	FH0000000		FEED THROUGH HOLE	
	005.0	DB009 007	D	A			1	0223292	12	1N662	GATE
	006.0			C			1				
	007.0	CB183 003				3	1	FH0000000		FEED THROUGH HOLE	
	008.0	DB051 003				3	1	FH0000000		FEED THROUGH HOLE	
	009.0	DB007 006	D	A			1	0223292	13	1N662	GATE
	010.0	DB008 007	R		2			0223393	01	12K OHM 5PC 1/2W	LOAD -12V
AA	0009.000.0	DB009 006	R					0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	DB010 005	R		2		1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0	DB090 019	Q	B	1	1	1	0223297		2N1305	INV
	004.0			C			1				
	005.0	DB010 002	R		2		1	0223257	01	10K OHM 5PC 1/2W	LOAD -12V
AA	0010.000.0	AB023 014	D	A				0223292	11	1N662	GATE
	001.0	AB023 012	D	A			1	0223292	12	1N662	GATE
	002.0	AB024 013	R		2			0223393	01	12K OHM 5PC 1/2W	LOAD -12V
AA	0011.000.0	AB024 015	R		2			0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	AB023 016	R				1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0	AB194 074	Q	B		1	1	0223297		2N1305	INV
	004.0			C			1				
	005.0	AB023 019	R				1	0223257	01	10K OHM 5PC 1/2W	LOAD -12V
AB	0012.000.0	BB053 110				3	1	FH0000000		FEED THROUGH HOLE	T P10-M. ESR2
	001.0	BB048 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	AB186 003				3	1	FH0000000		FEED THROUGH HOLE	
	003.0	AB023 011	D	A			1	0223292	11	1N662	GATE
	004.0	BB037 110				3	1	FH0000000		FEED THROUGH HOLE	F P10-F. RLR23
	005.0	BB036 003				3	1	FH0000000		FEED THROUGH HOLE	
	006.0	AB198 003				3	1	FH0000000		FEED THROUGH HOLE	
	007.0	AB025 011	D	A			1	0223292	12	1N662	GATE
	008.0	AB026 012	R		2			0223393	01	12K OHM 5PC 1/2W	LOAD -12V
AB	0013.000.0	AB026 013	R		2			0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	AB025 014	R				1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0	AB202 074	Q	B		1	1	0223297		2N1305	INV
	004.0	AB025 018	R					0223257	01	10K OHM 5PC 1/2W	

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	005.0						1				
AA	0014.000.0	AB025 019	D			A		0223292	I1	1N662	GATE
	001.0					C	1				
	002.0	AB025 017	D			A		0223292	I2	1N662	GATE
	003.0					C	1				
	004.0	BB054 006			3	1		FH0000000		FEED THROUGH HOLE	
	005.0	BB024 003			3	1		FH0000000		FEED THROUGH HOLE	
	006.0	AB210 003			3	1		FH0000000		FEED THROUGH HOLE	
	007.0	AB025 015	D			A	1	0223292	I3	1N662	GATE
	008.0					C	1				
	009.0	AB222 003			3	1		FH0000000		FEED THROUGH HOLE	
	010.0	BB012 003			3	1		FH0000000		FEED THROUGH HOLE	T P10-4, MRL5
	011.0	GB200 122			3	1		FH0000000		FEED THROUGH HOLE	F P4-5, MRL5
	012.0	GB026 005	D	A	2			0223292	I4	1N662	GATE
	013.0	GB024 006	R		2		1	0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
AA	0015.000.0	BB054 003			3	1		FH0000000		FEED THROUGH HOLE	
	001.0	AB180 003			3	1		FH0000000		FEED THROUGH HOLE	
	002.0	BB144 003			3	1		FH0000000		FEED THROUGH HOLE	
	003.0	AB090 003			3	1		FH0000000		FEED THROUGH HOLE	
	004.0	AB013 005	D			A	1	0223292	I1	1N662	GATE
	005.0					C	1				
	006.0	AB013 004	D			A		0223292	I2	1N662	GATE
	007.0					C	1				
	008.0	BB045 007			3	1		FH0000000		FEED THROUGH HOLE	
	009.0	BB114 003			3	1		FH0000000		FEED THROUGH HOLE	
	010.0	AB120 003			3	1		FH0000000		FEED THROUGH HOLE	
	011.0	AB016 003	D	A	2		1	0223292	I3	1N662	GATE
	012.0	AB014 006	R		2		1	0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
	013.0						1				
AA	0016.000.0	AB015 004	R					0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	AB016 005	R		2		1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0	AB136 074	Q	B		1	1	0223297		2N1305	INV
	004.0			C			1				
	005.0	AB016 006	R		2		1	0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
	006.0	AB123 003				3	1	FH0000000		FEED THROUGH HOLE	
	007.0	BB111 003				3	1	FH0000000		FEED THROUGH HOLE	T P10-21, EMDQ4
AA	0017.000.0	DB003 002	D			A		0223292	I1	1N662	GATE
	001.0					C	1				
	002.0	DB003 003	D			A	1	0223292	I2	1N662	GATE
	003.0					C	1				
	004.0	DB006 003	R		2			0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
	005.0						1				
AA	0018.000.0	DB005 001	R				1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	DB005 002	C				1	0804159		330 PF 10PC 100V MICA	SPEED UP
	003.0						1				
	004.0	DB007 008	R				1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	005.0	DB074 019	Q	B	1	1		0223297		2N1305	INV
	006.0	DB008 002	R		2		1	0223328		33K OHM 5PC 1/2W	DIVIDER
	007.0	DB008 001	R		2		1	0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
	008.0	DB066 003				3	1	FH0000000		FEED THROUGH HOLE	
	009.0	CB168 003				3	1	FH0000000		FEED THROUGH HOLE	T P8-Y, P4SD3
AA	0019.000.0	BB011 020	D			A	1	0223292	I1	1N662	T P10-Y, EROF9
	001.0					C	1				
	002.0	BB009 019	D			A	1	0223292	I2	1N662	GATE
	003.0	BB009 020	R				1	0223328		33K OHM 5PC 1/2W	T P10-V, ECFD4
	004.0	BB012 021	C		2		1	0804092		.01 MFD 10PC 200V FILM	
	005.0	BB012 018	R		2		1	0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
	006.0						1				
AC	0020.000.0	BB012 017	R		2		1	0223353	I1	8.2K OHM 5PC 1/2W	COUPLING

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	001.0	BB010 017	R		2			0804044		22K OHM 5PC 1/2W	BIAS +6V
	002.0	BB094 068	Q	B		1		0223297		2N1305	INV
	003.0			C			1				
	004.0	BB011 011	R				1	0223388	O1	3.3K OHM 5PC 1/2W	LOAD -12V
AB	0021.000.0	BB011 013	R				1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	BB011 014	C				1	0804161		470 PF 10PC 100V MICA	SPEED UP
	003.0						1				
	004.0	BB012 015	R		2		1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	005.0	BB106 068	Q	B	1	1	1	0223297		2N1305	INV
	006.0	BB012 012	R		2			0223353	O1	8.2K OHM 5PC 1/2W	LOAD -12V
AA	0022.000.0	BB009 012	D	A			1	0223292	I1	1N662	GATE
	001.0			C			1				
	002.0	BB012 016	D	A	2		1	0223292	I2	1N662	GATE
	003.0	BB010 016	R		2			0223353	O1	8.2K OHM 5PC 1/2W	LOAD -12V
AB	0023.000.0	BB010 013	R		2		1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0	BB009 014	C					0804159		330 PF 10PC 100V MICA	SPEED UP
	002.0	BB009 015	R					0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0	BB078 068	Q	B		1		0223297		2N1305	INV
	004.0			C			1				
	005.0	BB007 017	R					0223353	O1	8.2K OHM 5PC 1/2W	LOAD -12V
AA	0024.000.0	DB144 003				3	1	FH0000000		FEED THROUGH HOLE	
	001.0	CB090 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	CB010 001				2	1	FH0000000		FEED THROUGH HOLE	
	003.0	CB051 003				3	1	FH0000000		FEED THROUGH HOLE	
	004.0	DB183 003				3	1	FH0000000		FEED THROUGH HOLE	
	005.0	CB004 026	D	A	2		1	0223292	I1	1N662	GATE
	006.0			C			1				
	007.0	DB093 003				3	1	FH0000000		FEED THROUGH HOLE	
	008.0	CB141 003				3	1	FH0000000		FEED THROUGH HOLE	
	009.0	DB177 003				3	1	FH0000000		FEED THROUGH HOLE	
	010.0	CB057 003				3	1	FH0000000		FEED THROUGH HOLE	
	011.0	CB004 025	D	A	2		1	0223292	I2	1N662	GATE
	012.0			C			1				
	013.0	DB111 003				3	1	FH0000000		FEED THROUGH HOLE	
	014.0	CB123 003				3	1	FH0000000		FEED THROUGH HOLE	
	015.0	CB132 121				3	1	FH0000000		FEED THROUGH HOLE	
	016.0	CB004 027	D	A	2			0223292	I3	1N662	GATE
	017.0	CB003 024	D	A			1	0223292	I4	1N662	GATE
	018.0	CB003 023	R				1	0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
AA	0025.000.0	CB004 021	D	A	2		1	0223292		1N662	GATE
	001.0	CB003 021	D	C			1		I1		
	002.0	CB006 021	D	A	2		1	0223292	I2	1N662	GATE
	003.0	CB005 022	R					0223393		12K OHM 5PC 1/2W	LOAD -12V
	004.0	CB004 022	D	A	2		1	0223292	O1	1N662	GATE
AB	0026.000.0	CB004 018	R		2		1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	CB003 017	R				1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0	CB023 083	Q	B	1	1		0223297		2N1305	INV
	004.0	CB003 019	R					0223257	O1	10K OHM 5PC 1/2W	T P9-21, MAD4
	005.0						1				
AA	0027.000.0	CB002 022	D	A	2			0223292	I1	1N662	GATE
	001.0	CB002 024	D	A	2			0223292	I2	1N662	GATE
	002.0	CB002 025	D	A	2			0223292	I3	1N662	GATE
	003.0	CB001 023	R					0223326	O1	15K OHM 5PC 1/2W	LOAD -12V
AA	0028.000.0	CB002 021	R		2			0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0	CB001 017	R				1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	002.0	CB011 083	Q	B		1	1	0223297		2N1305	INV
	003.0			C			1				

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	004.0	CB028 123				3	1	FH0000000		FEED THROUGH HOLE	
	005.0	CB003 020	R			1		0223257	01	10K OHM 5PC 1/2W	LOAD
	006.0					1					
AA	0029.000.0	CB002 026	D	A	2			0223292	I1	1N662	F P9-18, PS154
	001.0	CB001 028	D	A				0223292	I2	1N662	T P9-20, ASC1
	002.0			C		1					
	003.0	CB001 027	R					0223393	01	12K OHM 5PC 1/2W	LOAD -12V
AA	0030.000.0	DB019 009	D	A				0223292	I1	1N662	GATE
	001.0	CB054 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	DB180 003				3	1	FH0000000		FEED THROUGH HOLE	
	003.0	DB021 005	D	A		1		0223292	I2	1N662	GATE
	004.0			C		1					
	005.0	DB023 009	D	A				0223292	I3	1N662	GATE
	006.0	DB021 009	D	A				0223292	I4	1N662	GATE
	007.0			C		1					
	008.0	DB022 004	R		2	1		0223328		33K OHM 5PC 1/2W	DIVIDER
	009.0	DB022 010	R		2	1		0223393	01	12K OHM 5PC 1/2W	LOAD -12V
	010.0					1					
AA	0031.000.0	AB023 002	D	A				0223292	I1	1N662	GATE
	001.0			C		1					
	002.0	AB023 003	D	A				0223292	I2	1N662	GATE
	003.0			C		1					
	004.0	AB024 010	R		2	1		0223393	01	12K OHM 5PC 1/2W	LOAD -12V
AA	0032.000.0	AB023 005	R					0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0	AB024 004	C		2			0804161		470 PF 10PC 100V MICA	SPEED UP
	002.0	AB024 006	R		2			0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0	AB194 034	Q	B		1		0223297		2N1305	INV
	004.0	AB024 009	R		2	1		0223257	01	10K OHM 5PC 1/2W	LOAD -12V
AB	0033.000.0	AB025 005	R					0223326	I1	15K OHM 5PC 1/2W	COUPLING
	001.0					1					
	002.0	AB026 003	R		2			0223328		33K OHM 5PC 1/2W	BIAS +6V
	003.0	AB219 034	Q	B		1	1	0223297		2N1305	INV
	004.0			C			1				
	005.0	AB026 010	R		2			0223257	01	10K OHM 5PC 1/2W	LOAD -12V
	006.0	AB219 003				3	1	FH0000000		FEED THROUGH HOLE	
	007.0	BB015 003				3	1	FH0000000		FEED THROUGH HOLE	T P10-5, DEDS3
AC	0034.000.0	BB021 003				3	1	FH0000000		FEED THROUGH HOLE	
	001.0	AB213 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	AB026 006	R		2			0223326	I1	15K OHM 5PC 1/2W	COUPLING
	003.0					1					
	004.0	AB026 004	R		2			0223328		33K OHM 5PC 1/2W	BIAS +6V
	005.0	AB211 034	Q	B		1	1	0223297		2N1305	INV
	006.0	AB025 009	R			1		0223257	01	10K OHM 5PC 1/2W	LOAD -12V
	006.1					1					
	007.0	AB201 003				3	1	FH0000000		FEED THROUGH HOLE	
	008.0	BB033 003				3	1	FH0000000		FEED THROUGH HOLE	
	009.0	AB072 003				3	1	FH0000000		FEED THROUGH HOLE	
	010.0	BB162 003				3	1	FH0000000		FEED THROUGH HOLE	
	011.0	BB166 112				3	1	FH0000000		FEED THROUGH HOLE	T P11-N, DMUS3
AC	0035.000.0	CB207 003				3	1	FH0000000		FEED THROUGH HOLE	
	001.0	DB027 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	DB003 022	D	A		1		0223292	I1	1N662	GATE
	003.0	CB174 003				3	1	FH0000000		FEED THROUGH HOLE	
	004.0	DB060 003				3	1	FH0000000		FEED THROUGH HOLE	
	005.0	DB007 022	D	A		1		0223292	I2	1N662	GATE
	006.0			C		1					
	007.0	DB007 023	D	A		1		0223292	I3	1N662	GATE
	008.0			C		1					
	009.0	DB007 028	D	A		1		0223292	I4	1N662	GATE
	010.0			C		1					
	011.0	DB007 029	D	A		1		0223292	I5	1N662	GATE
	011.1			C		1					

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	012.0	DB008 018	R		2		1	0223326	O1	15K OHM 5PC 1/2W	LOAD -12V
AA	0036.000.0	DB007 017	R					0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0	DB008 011	R		2		1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	002.0						1				
	003.0	DB074 059	Q	B	1	1	1	0223297		2N1305	INV
	004.0			C			1				
	005.0	DB008 010	R		2		1	0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
	006.0	DB063 003				3	1	FH0000000		FEED THROUGH HOLE	
	007.0	CB171 003				3	1	FH0000000		FEED THROUGH HOLE	T P8-X. MOFL3
AB	0037.000.0	DB007 030	D	A				0223292	I1	1N662	GATE
	001.0	DB009 029	D	A			1	0223292	I2	1N662	GATE
	002.0			C			1				
	003.0	DB009 030	D	A			1	0223292	I3	1N662	GATE
	004.0			C			1				
	005.0	DB009 028	D	A				0223292	I4	1N662	GATE
	006.0			C			1				
	007.0	DB021 003				3	1	FH0000000		FEED THROUGH HOLE	
	008.0	CB213 003				3	1	FH0000000		FEED THROUGH HOLE	
	009.0	CB153 003				3	1	FH0000000		FEED THROUGH HOLE	
	010.0	DB081 003				3	1	FH0000000		FEED THROUGH HOLE	
	011.0	DB009 022	D	A			1	0223292	I5	1N662	GATE
	012.0			C			1				
	013.0	DB010 018	R		2		1	0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
AA	0038.000.0	DB010 017	R		2		1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0	DB010 011	R		2		1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	002.0	DB086 059	Q	B	3	1	1	0223297		2N1305	INV
	003.0			C			1				
	004.0	DB010 010	R		2		1	0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
	005.0	DB084 003				3	1	FH0000000		FEED THROUGH HOLE	
	006.0	CB150 003				3	1	FH0000000		FEED THROUGH HOLE	
	007.0	CB151 007	S			3	1	0803214		TEST POINT	PSZ3
	008.0	CB147 014				3	1				T P9-A. PSZ3
AB	0039.000.0	DB007 024	D	A			1	0223292	I1	1N662	GATE
	001.0			C			1				
	002.0	DB007 025	D	A			1	0223292	I2	1N662	GATE
	003.0			C			1				
	004.0	DB007 027	D	A			1	0223292	I3	1N662	GATE
	004.1			C			1				
	005.0	DB007 026	D	A				0223292	I4	1N662	GATE
	006.0			C			1				
	007.0	DB008 020	R		2		1	0223326	O1	15K OHM 5PC 1/2W	LOAD -12V
AB	0040.000.0	DB008 019	R		2		1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	DB007 012	R					0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0	DB062 059	Q	B		1	1	0223297		2N1305	INV
	004.0	DB007 016	R				1	0223353	O1	8.2K OHM 5PC 1/2W	LOAD
	005.0	DB042 003				3	1	FH0000000		FEED THROUGH HOLE	
	006.0	CB192 003				3	1	FH0000000		FEED THROUGH HOLE	T P8-M. PS153
AB	0041.000.0	DB007 015	D	A			1	0223292	I1	1N662	INPUT
	001.0			C			1				
	002.0	DB008 009	R		2		1	0223393		12K OHM 5PC 1/2W	LOAD -12V
	003.0	DB009 015	R				1	0223403		6.8K OHM 5PC 1/2W	COUPLING
	004.0	DB014 012	R		2		1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	005.0	DB119 059	Q	B	3	1	1	0223297		2N1305	INV
	006.0			C			1				
	007.0	DB015 010	R				1	0223257	O1	10K OHM 5PC 1/2W	
AB	0042.000.0	DB009 025	D	A				0223292	I1	1N662	GATE
	001.0			C			1				
	002.0	DB009 027	D	A				0223292	I2	1N662	GATE
	003.0			C			1				
	004.0	DB009 024	D	A				0223292	I3	1N662	GATE

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	007.0	DB014 015	R		2		1	0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
AA	0050.000.0	DB015 015	R					0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	DB016 011	R		2		1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0	DB140 059	Q	B	1	1	1	0223297		2N1305	INV
	004.0			C			1				
	005.0	DB017 010	R				1	0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
AA	0051.000.0	DB015 030	D	A			1	0223292	I1	1N662	GATE
	001.0	DB013 029	D	A				0223292	I2	1N662	GATE
	002.0			C			1				
	003.0	DB013 023	D	A				0223292	I3	1N662	GATE
	004.0			C			1				
	005.0	DB013 020	D	A			1	0223292	I4	1N662	GATE
	006.0			C			1				
	007.0	DB013 019	D	A				0223292	I5	1N662	GATE
	008.0			C			1				
	009.0	DB017 016	R					0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
	010.0						1				
AA	0052.000.0	DB015 016	R				1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	DB017 011	R				1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0	DB144 059	Q	B		1	1	0223297		2N1305	INV
	004.0			C			1				
	005.0	DB017 008	R				1	0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
AA	0053.000.0	DB013 024	D	A				0223292	I1	1N662	GATE
	001.0			C			1				
	002.0	DB013 025	D	A				0223292	I2	1N662	GATE
	003.0			C			1				
	004.0	DB013 026	D	A			1	0223292	I3	1N662	GATE
	005.0			C			1				
	006.0	CB123 125				3	1	FH0000000		FEED THROUGH HOLE	F P8-22, EDV2
	007.0	CB120 003				3	1	FH0000000		FEED THROUGH HOLE	
	008.0	DB114 003				3	1	FH0000000		FEED THROUGH HOLE	
	009.0	DB013 022	D	A			1	0223292	I4	1N662	GATE
	010.0			C			1				
	011.0	DB017 020	R					0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
	012.0						1				
AC	0054.000.0	CB021 003				3	1	FH0000000		FEED THROUGH HOLE	
	001.0	DB213 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	CB138 003				3	1	FH0000000		FEED THROUGH HOLE	
	003.0	DB096 003				3	1	FH0000000		FEED THROUGH HOLE	
AE	0054.004.0	DB011 017	D	A				0223292		1N662	GATE
	005.0	DB012 017	D	C		1			I1		
	006.0	DB013 021	D	A			1	0223292		1N662	GATE
	007.0	DB014 021	D	C		1			I2		
	008.0	DB013 017	D	A			1	0223292	O1	1N662	GATE
	009.0	DB014 017	D	C					I3		
AA	0055.000.0	DB013 016	R				1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0	DB015 012	R				1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	002.0	DB128 059	Q	B		1	1	0223297		2N1305	INV
	003.0			C			1				
	004.0	DB014 010	R		2		1	0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
AA	0056.000.0	DB015 029	D	A				0223292	I1	1N662	GATE
	001.0			C			1				
	002.0	DB015 027	D	A			1	0223292	I2	1N662	GATE
	003.0			C			1				
	004.0	DB015 028	D	A				0223292	I3	1N662	GATE
	005.0			C			1				
	006.0	DB015 017	D	A			1	0223292	I4	1N662	GATE

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	005.0				C		1				
	006.0	DB009 026	D		A			0223292	I4	1N662	GATE
	007.0				C		1				
	008.0	DB010 020	R		2		1	0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
AA	0043.000.0	DB010 019	R		2		1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	DB009 012	R				1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0	DB078 059	Q	B		1	1	0223297		2N1305	INV
	004.0				C		1				
	005.0	DB009 009	R				1	0223401	O1	4.7K OHM 5PC 1/2W	LOAD -12V
AA	0044.000.0	DB009 016	R					0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0	DB011 011	R				1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	002.0	DB094 059	Q	B		1	1	0223297		2N1305	INV
	003.0				C		1				
	004.0	DB011 010	R				1	0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
AA	0045.000.0	DB011 028	D		A			0223292	I1	1N662	GATE
	001.0				C		1				
	002.0	DB011 027	D		A		1	0223292	I2	1N662	GATE
	003.0				C		1				
	004.0	DB011 025	D		A			0223292	I3	1N662	GATE
	005.0				C		1				
	006.0	DB011 020	D		A			0223292	I4	1N662	GATE
	007.0				C		1				
	008.0	DB011 021	D		A		1	0223292	I5	1N662	GATE
	009.0				C		1				
	010.0	DB012 019	R		2		1	0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
	011.0						1				
AB	0046.000.0	DB011 018	R					0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	DB012 012	R		2		1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	004.1	DB102 059	Q	B		1	1	0223297		2N1305	INV
	004.2				C		1				
	005.0	DB012 009	R		2		1	0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
AB	0047.000.0	DB011 024	D		A			0223292	I1	1N662	GATE
	001.0				C		1				
	002.0	DB011 030	D		A		1	0223292	I2	1N662	GATE
	003.0	DB011 029	D		A			0223292	I3	1N662	GATE
	004.0				C		1				
	005.0	DB011 023	D		A			0223292	I4	1N662	GATE
	006.0				C		1				
	007.0	CB216 003				3	1	FH0000000		FEED THROUGH HOLE	
	008.0	DB018 003				3	1	FH0000000		FEED THROUGH HOLE	
	009.0	CB147 003				3	1	FH0000000		FEED THROUGH HOLE	
	010.0	DB087 003				3	1	FH0000000		FEED THROUGH HOLE	
	011.0	DB011 022	D		A		1	0223292	I5	1N662	GATE
	012.0				C		1				
	013.0	DB012 016	R		2		1	0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
	014.0						1				
AA	0048.000.0	DB011 015	R					0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0	DB013 011	R				1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	002.0	DB111 059	Q	B		1	1	0223297		2N1305	INV
	003.0				C		1				
	004.0	DB013 009	R				1	0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
AA	0049.000.0	DB013 027	D		A		1	0223292	I1	1N662	GATE
	001.0				C		1				
	002.0	DB011 026	D		A			0223292	I2	1N662	GATE
	003.0	DB013 028	D		A			0223292	I3	1N662	GATE
	004.0				C		1				
	005.0	DB013 018	D		A			0223292	I4	1N662	GATE
	006.0				C		1				

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	007.0			C		1					
	008.0	DB017 017	R			1		0223393	01	12K OHM 5PC 1/2W	LOAD -12V
	009.0					1					
AA	0057,000.0	DB015 019	D	A				0223292	I1	1N662	GATE
	001.0			C		1					
	002.0	DB017 027	D	A				0223292	I2	1N662	GATE
	003.0	DB015 025	D	A		1		0223292	I3	1N662	GATE
	004.0			C		1					
	005.0	DB015 026	D	A				0223292	I4	1N662	GATE
	006.0			C		1					
	007.0	DB015 024	D	A				0223292	I5	1N662	GATE
	008.0			C		1					
	009.0	CB198 003			3	1		FH0000000		FEED THROUGH HOLE	F P8-L. TFG2
	010.0	DB036 003			3	1		FH0000000		FEED THROUGH HOLE	
	011.0	CB012 001			2	1		FH0000000		FEED THROUGH HOLE	
	012.0	CB102 003			3	1		FH0000000		FEED THROUGH HOLE	
	013.0	DB132 003			3	1		FH0000000		FEED THROUGH HOLE	
	014.0	DB015 021	D	A		1		0223292	I6	1N662	GATE
	015.0			C		1					
	016.0	CB135 003			3	1		FH0000000		FEED THROUGH HOLE	
	017.0	DB099 003			3	1		FH0000000		FEED THROUGH HOLE	
	018.0	CB105 003			3	1		FH0000000		FEED THROUGH HOLE	
	019.0	DB129 003			3	1		FH0000000		FEED THROUGH HOLE	
	020.0	DB015 020	D	A		1		0223292	I7	1N662	GATE
	021.0			C		1					
	022.0	CB136 013			3	1		FH0000000		FEED THROUGH HOLE	
	023.0	CB098 013			3	1		FH0000000		FEED THROUGH HOLE	
	024.0	CB096 003			3	1		FH0000000		FEED THROUGH HOLE	
	025.0	DB138 003			3	1		FH0000000		FEED THROUGH HOLE	
	026.0	DB015 023	D	A		1		0223292	I8	1N662	GATE
	027.0			C		1					
	028.0	DB015 018	D	A		1		0223292	I9	1N662	GATE
	029.0			C		1					
	030.0	DB017 018	R					0223393	01	12K OHM 5PC 1/2W	LOAD -12V
	031.0					1					
AA	0058,000.0	DB017 024	D	A				0223292	I1	1N662	GATE
	001.0			C		1					
	002.0	DB017 026	D	A		1		0223292	I2	1N662	GATE
	003.0			C		1					
	004.0	DB017 025	D	A				0223292	I3	1N662	GATE
	005.0			C		1					
	006.0	CB081 003			3	1		FH0000000		FEED THROUGH HOLE	
	007.0	DB153 003			3	1		FH0000000		FEED THROUGH HOLE	
	008.0	DB017 021	D	A		1		0223292	I4	1N662	GATE
	009.0			C		1					
	010.0	DB019 018	R			1		0223393	01	12K OHM 5PC 1/2W	LOAD -12V
	011.0					1					
AA	0059,000.0	DB019 017	R			1		0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	002.0	DB018 012	R		2	1		0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0	DB152 059	Q	B	3	1	1	0223297		2N1305	INV
	004.0			C		1					
	005.0	DB018 009	R		2		1	0223257	01	10K OHM 5PC 1/2W	LOAD -12V
AA	0060,000.0	DB017 028	D	A				0223292	I1	1N662	GATE
	001.0			C		1					
	002.0	DB017 030	D	A		1		0223292	I2	1N662	GATE
	003.0			C		1					
	004.0	DB017 029	D	A				0223292	I3	1N662	GATE
	005.0			C		1					
	006.0	DB017 023	D	A				0223292	I4	1N662	GATE
	007.0			C		1					
	008.0	DB017 022	D	A		1		0223292	I5	1N662	GATE
	009.0			C		1					
	010.0	DB020 020	R		2		1	0223393	01	12K OHM 5PC 1/2W	LOAD -12V

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
AB	0061.000.0	DB020 021	R		2		1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	DB019 010	R				1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0	DB160 059	Q	B		1	1	0223297		2N1305	INV
	004.0			C			1				
	005.0	DB018 015	R		2			0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
AA	0062.000.0	DB019 029	D	A			1	0223292	I1	1N662	GATE
	001.0			C			1				
	002.0	DB019 030	D	A			1	0223292	I2	1N662	GATE
	003.0			C			1				
	004.0	DB019 028	D	A				0223292	I3	1N662	GATE
	005.0			C			1				
	006.0	DB021 022	D	A				0223292	I4	1N662	GATE
	007.0			C			1				
	008.0	CB036 003				3	1	FH0000000		FEED THROUGH HOLE	F P9-T. TR14
	009.0	DB198 003				3	1	FH0000000		FEED THROUGH HOLE	
	010.0	DB023 023	D	A			1	0223292	I5	1N662	GATE
	011.0	DB156 003				3	1	FH0000000		FEED THROUGH HOLE	
	012.0	CB078 003				3	1	FH0000000		FEED THROUGH HOLE	
	013.0	CB066 003				3	1	FH0000000		FEED THROUGH HOLE	
	014.0	DB168 003				3	1	FH0000000		FEED THROUGH HOLE	
	015.0	DB019 022	D	A			1	0223292	I6	1N662	GATE
	016.0			C			1				
	017.0	DB020 016	R		2		1	0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
	018.0						1				
AA	0063.000.0	DB022 016	R		2		1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0	DB021 017	C					0804159		330 PF 10PC 100V MICA	SPEED UP
	002.0						1				
	003.0	DB020 011	R		2		1	0804044		22K OHM 5PC 1/2W	BIAS -12V
	004.0	DB168 059	Q	B	3	1	1	0223297		2N1305	INV
	005.0			C			1				
	006.0	DB020 012	R		2		1	0223358		27K OHM 5PC 1/2W	DIVIDER GND
	007.0	DB020 015	R		2		1	0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
	008.0						1				
	009.0	DB171 003				3	1	FH0000000		FEED THROUGH HOLE	
	010.0	CB063 003				3	1	FH0000000		FEED THROUGH HOLE	T P9-P. AIRX3
AA	0064.000.0	DB019 027	D	A				0223292	I1	1N662	GATE
	001.0			C			1				
	002.0	DB019 026	D	A				0223292	I2	1N662	GATE
	003.0			C			1				
	004.0	DB019 024	D	A				0223292	I3	1N662	GATE
	005.0			C			1				
	006.0	DB019 025	D	A			1	0223292	I4	1N662	GATE
	007.0			C			1				
	008.0	DB019 023	D	A			1	0223292	I5	1N662	GATE
	009.0			C			1				
	010.0	DB019 019	D	A				0223292	I6	1N662	GATE
	011.0			C			1				
	012.0	DB021 019	R				1	0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
	013.0						1				
AA	0065.000.0	DB021 018	R				1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0	DB022 011	R		2		1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	002.0	DB185 059	Q	B	3	1	1	0223297		2N1305	INV
	003.0			C			1				
	004.0	DB023 016	R					0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
	005.0	DB192 003				3	1	FH0000000		FEED THROUGH HOLE	
	006.0	CB042 003				3	1	FH0000000		FEED THROUGH HOLE	T P9-S. ASCQ3
AA	0066.000.0	DB021 025	D	A				0223292	I1	1N662	GATE
	001.0			C			1				
	002.0	DB021 023	D	A			1	0223292	I2	1N662	GATE
	003.0			C			1				

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
AA	0066.004.0	DB021 024	D	A			1	0223292	I3	1N662	GATE
	005.0			C			1				
	006.0	DB021 020	R					0223393	01	12K OHM 5PC 1/2W	LOAD -12V
	007.0						1				
AA	0067.000.0	DB022 021	R		2		1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	DB021 012	R				1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0	DB177 059	Q	B		1	1	0223297		2N1305	INV
	004.0			C			1				
	005.0	DB021 015	R					0223257	01	10K OHM 5PC 1/2W	LOAD -12V
	006.0	DB189 003				3	1	FH0000000		FEED THROUGH HOLE	
	007.0	CB045 003				3	1	FH0000000		FEED THROUGH HOLE	
AB	0068.000.0	DB021 026	D	A				0223292	I1	1N662	GATE
	001.0			C			1				
	002.0	DB021 030	D	A			1	0223292	I2	1N662	GATE
	003.0			C			1				
	004.0	DB021 029	D	A				0223292	I3	1N662	GATE
	005.0			C			1				
	006.0	DB023 019	R				1	0223393	01	12K OHM 5PC 1/2W	LOAD -12V
	007.0						1				
AA	0069.000.0	DB023 018	R				1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	DB024 011	R		2		1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0						1				
	004.0	DB202 059	Q	B	3	1		0223297		2N1305	INV
	005.0			C			1				
	006.0	DB024 017	R		2			0223257	01	10K OHM 5PC 1/2W	LOAD -12V
	007.0						1				
	008.0	DB201 003				3	1	FH0000000		FEED THROUGH HOLE	
	009.0	CB033 003				3	1	FH0000000		FEED THROUGH HOLE	T P9-U. MLR23
AA	0070.000.0	DB023 025	D	A			1	0223292	I1	1N662	GATE
	001.0			C			1				
	002.0	DB021 027	D	A				0223292	I2	1N662	GATE
	003.0			C			1				
	004.0	DB021 028	D	A				0223292	I3	1N662	GATE
	005.0			C			1				
	006.0	DB023 024	D	A				0223292	I4	1N662	GATE
	007.0			C			1				
	008.0	DB024 020	R		2		1	0223393	01	12K OHM 5PC 1/2W	LOAD -12V
AA	0071.000.0	DB024 021	R		2		1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	DB023 012	R				1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0	DB194 059	Q	B		1	1	0223297		2N1305	INV
	004.0	DB023 015	R				1	0223257	01	10K OHM 5PC 1/2W	LOAD -12V
	005.0	DB008 017	S		3	1	1	0803214		TEST POINT	PS33
	006.0						1				
AA	0072.000.0	DB025 030	D	A				0223292	I1	1N662	GATE
	001.0	DB025 026	D	A				0223292	I2	1N662	GATE
	002.0	DB023 030	D	A				0223292	I3	1N662	GATE
	003.0	DB025 029	D	A				0223292	I4	1N662	GATE
	004.0	CB102 009				3	1	FH0000000		FEED THROUGH HOLE	
	005.0	CB009 003				3	1	FH0000000		FEED THROUGH HOLE	
	006.0	DB225 003				3	1	FH0000000		FEED THROUGH HOLE	
	007.0	DB025 023	D	A			1	0223292	I5	1N662	GATE
	008.0	DB026 017	R		2			0223393	01	12K OHM 5PC 1/2W	LOAD -12V
	009.0						1				
AB	0073.000.0	DB023 028	D	A			1	0223292	I1	1N662	GATE
	001.0			C			1				
	002.0	DB023 029	D	A				0223292	I2	1N662	GATE
	003.0			C			1				

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	004.0	DB023 027	D	A				0223292	I3	1N662	GATE
	005.0			C			1				
	006.0	DB023 026	D	A			1	0223292	I4	1N662	GATE
	007.0			C			1				
	008.0	CB086 013				3	1	FH0000000		FEED THROUGH HOLE	
	009.0	CB039 003				3	1	FH0000000		FEED THROUGH HOLE	
	010.0	DB195 003				3	1	FH0000000		FEED THROUGH HOLE	
	011.0	DB023 022	D	A			1	0223292	I5	1N662	GATE
	012.0			C			1				
	013.0	DB017 019	R					0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
	014.0						1				
AA	0074.000.0	DB025 015	R					0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0	DB025 016	C					0804159		330 PF 10PC 100V MICA	SPEED UP
	002.0	DB026 011	R			2	1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0	DB219 059	Q	B	3	1	1	0223297		2N1305	INV
	004.0			C			1				
	005.0	DB026 012	R			2	1	0223358		27K OHM 5PC 1/2W	DIVIDER GND
	006.0	DB026 010	R			2	1	0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
AB	0075.000.0	DB025 027	D	A				0223292	I1	1N662	GATE
	001.0	DB025 026	D	A				0223292	I2	1N662	GATE
	002.0	DB025 024	D	A				0223292	I3	1N662	GATE
	003.0	DB025 025	D	A				0223292	I4	1N662	GATE
	004.0	CB015 003				3	1	FH0000000		FEED THROUGH HOLE	F P9-W, ECF2
	005.5	DB219 003				3	1	FH0000000		FEED THROUGH HOLE	
	006.0	DB025 021	D	A			1	0223292	I5	1N662	GATE
	007.0	DB025 020	D	A				0223292	I6	1N662	GATE
	008.0	DB026 018	R			2		0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
	009.0						1				
AA	0076.000.0	DB026 019	R			2		0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	DB024 010	R			2	1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0						1				
	004.0	DB211 059	Q	B		1	1	0223297		2N1305	INV
	005.0			C			1				
	006.0	DB025 009	R				1	0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
AC	0077.000.0	BB016 023	D	A	2		1	0223292	I1	1N662	F P11-E, TFG1
	001.0	BB013 020	D	A				0223292	I2	1N662	F P10-Z, TC03
	002.0	BB016 020	D	A	2		1	0223292	I3	1N662	GATE
	003.0	BB012 019	R			2		0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
	004.0						1				
AB	0078.000.0	BB013 019	R					0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0	BB013 018	R				1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	002.0	BB128 096	Q	B		1		0223297		2N1305	INV
	003.0			C			1				T P11-D, RCY3
	004.0	BB015 016	R				1	0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
AA	0079.000.0	CB009 020	D	A			1	0223292	I1	1N662	F P9-K, TB154
	001.0	CB011 020	D	A			1	0223292	I2	1N662	F P9-H, TR04
	002.0	CB017 027	D	A			1	0223292	I3	1N662	F P8-15, TC24
	003.0	CB015 020	D	A			1	0223292	I4	1N662	GATE
	004.0			C			1				
	005.0	CB013 020	D	A			1	0223292	I5	1N662	GATE
	006.0	CB017 023	R				1	0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
	007.0						1				
AA	0080.000.0	CB017 025	R				1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	CB017 026	C				1	0804156		100 PF 10PC 100V MICA	SPEED UP
	003.0						1				
	004.0	CB018 024	R			2	1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	005.0						1				
	006.0	CB018 021	D	A	2		1	0223292		1N662	CLAMP

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	007.0	CB152 083	Q	B			1	0804111		2N2635	INV
	008.0			C			1				
	009.0	CB017 022	R					0223403	O1	6.8K OHM 5PC 1/2W	LOAD -12V
	010.0						1				
	011.0	CB152 117				3	1	FH0000000		FEED THROUGH HOLE	T P8-13, AIRQ3
AA	0081.000.0	AB207 003				3	1	FH0000000		FEED THROUGH HOLE	
	001.0	BB027 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	AB008 024	D	A	2		1	0223292	I1	1N662	GATE
	003.0	AB008 022	D	A	2			0223292	I2	1N662	GATE
	004.0	AB005 030	D	A				0223292	I3	1N662	GATE
	005.0	BB177 003				3	1	FH0000000		FEED THROUGH HOLE	F P11-12, PS154
	006.0	AB057 003				3	1	FH0000000		FEED THROUGH HOLE	
	007.0	AB008 025	D	A	2		1	0223292	I4	1N662	GATE
	008.0	AB007 023	R					0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
AB	0082.000.0	AB006 026	R		2			0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0	AB006 025	C		2			0804087		.001 MFD 10PC 200V FILM	SPEED UP
	002.0	AB005 024	R				1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0	AB045 114	Q	B		1		0223297		2N1305	INV
	004.0			C			1				
	005.0	AB005 029	R					0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
	006.0	AB042 003				3	1	FH0000000		FEED THROUGH HOLE	
	007.0	BB192 003				3	1	FH0000000		FEED THROUGH HOLE	
	008.0	BB183 108				3	1	FH0000000		FEED THROUGH HOLE	T P11-U, ME1L3
AA	0083.000.0	CB070 124				3	1	FH0000000		FEED THROUGH HOLE	F P9-10, ESQ1
	001.0	CB072 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	DB162 003				3	1	FH0000000		FEED THROUGH HOLE	
	003.0	DB019 008	D	A			1	0223292	I1	1N662	GATE
	004.0	DB011 007	D	A			1	0223292	I2	1N662	GATE
	005.0	CB186 003				3	1	FH0000000		FEED THROUGH HOLE	
	006.0	DB048 003				3	1	FH0000000		FEED THROUGH HOLE	
	007.0	DB007 005	D	A			1	0223292	I3	1N662	GATE
	008.0	DB011 008	D	A			1	0223292	I4	1N662	GATE
	009.0	DB019 007	R					0223326	O1	15K OHM 5PC 1/2W	LOAD -12V
	010.0						1				
AA	0084.000.0	DB019 006	R					0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	DB020 005	R		2		1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0	DB172 019	Q	B	1	1	1	0223297		2N1305	INV
	004.0	DB021 002	R				1	0223257	O1	10K OHM 5PC 1/2W	LOAD
AA	0085.000.0	CB084 003				3	1	FH0000000		FEED THROUGH HOLE	
	001.0	DB150 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	DB017 007	D	A			1	0223292	I1	1N662	GATE
	003.0			C			1				
	004.0	DB019 001	D	A			1	0223292	I2	1N662	GATE
	005.0	CB087 003				3	1	FH0000000		FEED THROUGH HOLE	
	006.0	DB147 003				3	1	FH0000000		FEED THROUGH HOLE	
	007.0	DB017 001	D	A			1	0223292	I3	1N662	GATE
	008.0			C			1				
	009.0	DB021 001	R					0223326	O1	15K OHM 5PC 1/2W	LOAD -12V
AA	0086.000.0	DB017 006	R					0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	DB018 005	R		2		1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0	DB156 019	Q	B	1	1	1	0223297		2N1305	INV
	004.0	DB019 002	R				1	0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
	005.0						1				
	006.0	DB159 003				3	1	FH0000000		FEED THROUGH HOLE	
	007.0	CB075 003				3	1	FH0000000		FEED THROUGH HOLE	T P9-L, M2L4
AB	0087.000.0	DB174 003				3	1	FH0000000		FEED THROUGH HOLE	
	001.0	CB060 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	CB144 003				3	1	FH0000000		FEED THROUGH HOLE	

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	003.0	DB090 003					3 1	FH0000000		FEED THROUGH HOLE	
	004.0	DB011 001	D		A		1	0223292	I1	1N662	GATE
	005.0	CB164 113					3 1	FH0000000		FEED THROUGH HOLE	F P8-9. MEIL3
	006.0	CB162 003					3 1	FH0000000		FEED THROUGH HOLE	
	007.0	DB072 003					3 1	FH0000000		FEED THROUGH HOLE	
	008.0	DB009 001	D		A		1	0223292	I2	1N662	GATE
	008.2	DB204 003					3 1	FH0000000		FEED THROUGH HOLE	
	008.4	CB030 003					3 1	FH0000000		FEED THROUGH HOLE	
	008.6	CB114 003					3 1	FH0000000		FEED THROUGH HOLE	
	008.8	DB120 003					3 1	FH0000000		FEED THROUGH HOLE	
	013.0	DB015 009	D		A		1	0223292	I3	1N662	GATE
	014.0				C		1				
	015.0	CB108 003					3 1	FH0000000		FEED THROUGH HOLE	T P9-B. MLR13
	016.0	DB126 003					3 1	FH0000000		FEED THROUGH HOLE	
	017.0	DB015 008	D		A		1	0223292	I4	1N662	GATE
	018.0				C		1				
	019.0	DB015 001	R				1	0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
AB	0088.000.0	DB015 006	R				1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	DB015 007	C				1	0804159		330 PF 10PC 100V MICA	SPEED UP
	003.0						1				
	004.0	DB016 005	R		2		1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	005.0	DB140 019	Q	B	1	1	1	0223297		2N1305	INV
	006.0				C		1				
	007.0	DB017 002	R					0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
	008.0	DB141 003					3 1	FH0000000		FEED THROUGH HOLE	
	009.0	CB093 003					3 1	FH0000000		FEED THROUGH HOLE	
	010.0	CB011 002					2 1	FH0000000		FEED THROUGH HOLE	
	011.0	CB020 002					2 1	FH0000000		FEED THROUGH HOLE	T P8-V. MIL4
AB	0089.000.0	DB013 006	R				1	0223326	I1	15K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	DB014 005	R		2		1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	003.0	DB123 019	Q	B	1	1	1	0223297		2N1305	INV
	003.1				C		1				
	004.0	DB015 002	R					0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
AA	0090.000.0	DB013 007	D		A		1	0223292	I1	1N662	GATE
	001.0				C		1				
	002.0	DB013 008	D		A			0223292	I2	1N662	GATE
	003.0				C		1				
	004.0	DB014 002	R		2		1	0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
AA	0091.000.0	DB011 006	R					0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	DB012 005	R		2		1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0	DB106 019	Q	B	1	1	1	0223297		2N1305	INV
	004.0	DB012 002	R		2		1	0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
	005.0	DB105 003					3 1	FH0000000		FEED THROUGH HOLE	
	006.0	CB129 003					3 1	FH0000000		FEED THROUGH HOLE	
	007.0	CB016 029					2 1	FH0000000		FEED THROUGH HOLE	T P8-18. MSU4
AC	0092.000.0	BB049 110					3 1	FH0000000		FEED THROUGH HOLE	F P10-K. MSU4
	001.0	BB045 003					3 1	FH0000000		FEED THROUGH HOLE	
	002.0	AB189 003					3 1	FH0000000		FEED THROUGH HOLE	
	003.0	AB023 024	D		A		1	0223292	I1	1N662	GATE
	004.0				C		1				
	005.0	AB023 030	D		A			0223292	I2	1N662	GATE
	006.0				C		1				
	007.0	AB023 023	D		A			0223292	I3	1N662	GATE
	008.0				C		1				
	009.0	AB024 022	R		2		1	0223326	O1	15K OHM 5PC 1/2W	LOAD -12V
AA	0093.000.0	AB024 025	R		2		1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	AB023 026	R				1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0	AB194 114	Q	B		1	1	0223297		2N1305	INV

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	004.0			C			1				
	005.0	AB023 029	R				1	0223257	01	10K OHM 5PC 1/2W	LOAD -12V
	006.0	AB192 003				3	1	FH0000000		FEED THROUGH HOLE	
	007.0	BB042 003				3	1	FH0000000		FEED THROUGH HOLE	
	008.0	BB005 022				2	1	FH0000000		FEED THROUGH HOLE	T P10-J, AIRS3
AB	0094.000.0	AB025 023	D	A				0223292	I1	1N662	INPUT
	001.0	AB026 022	R		2			0223326		15K OHM 5PC 1/2W	LOAD -12V
	002.0	AB025 024	R				1	0223403		6.8K OHM 5PC 1/2W	COUPLING
	002.1	AB025 025	R				1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0	AB202 114	Q	B		1	1	0223297		2N1305	INV
	004.0			C			1				
	005.0	AB025 029	R				1	0223257	01	10K OHM 5PC 1/2W	LOAD -12V
	006.0	AB225 003				3	1	FH0000000		FEED THROUGH HOLE	
	007.0	BB009 003				3	1	FH0000000		FEED THROUGH HOLE	T P10-3, ARDS3
AB	0095.000.0	AB021 030	D	A				0223292	I1	1N662	GATE
	001.0			C			1				
	002.0	AB023 020	D	A				0223292	I2	1N662	GATE
	003.0	BB041 110				3	1	FH0000000		FEED THROUGH HOLE	F P10-H, MAD4
	004.0	BB039 003				3	1	FH0000000		FEED THROUGH HOLE	
	005.0	AB195 003				3	1	FH0000000		FEED THROUGH HOLE	
	006.0	AB024 021	D	A	2		1	0223292	I3	1N662	GATE
	007.0			C			1				
	008.0	AB025 020	R					0223326	01	15K OHM 5PC 1/2W	LOAD -12V
AB	0096.000.0	AB025 021	R					0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0	AB025 026	R				1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	002.0	AB211 114	Q	B		1	1	0223297		2N1305	INV
	003.0			C			1				
	004.0	AB025 030	R					0223257	01	10K OHM 5PC 1/2W	LOAD -12V
	005.0	AB216 003				3	1	FH0000000		FEED THROUGH HOLE	
	006.0	BB018 003				3	1	FH0000000		FEED THROUGH HOLE	T P10-6, AIRA3
AA	0097.000.0	CB198 023	Q	B	1	1		0223297	I1	2N1305	EF
	001.0			C			1				
	002.0			E			1				
	003.0	CB194 010	R			1	1	0223401		4.7K OHM 5PC 1/2W	COUPLING
	004.0						1				
	005.0	CB223 010	R		2	1	1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	006.0						1				
	007.0	CB215 023	Q	B	1	1	1	0223297		2N1305	DRIVER
	008.0			C			1				
	009.0	CB026 002	R		2		1	0804033	01	180 OHM 5PC 1/2W	T P8-B, AOFL3
	010.0						1				
AA	0098.000.0	AB004 023	D	A	2		1	0223292	I2	1N662	GATE
	001.0	AB001 023	D	A				0223292	I1	1N662	GATE
	002.0	AB004 024	R		2			0223393	01	12K OHM 5PC 1/2W	LOAD -12V
	003.0						1				
AA	0099.000.0	AB004 025	R		2			0223353	I1	8.2K OHM 5PC 1/2W	COUPLING
	001.0	AB					1				
	002.0	AB003 026	R				1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0						1				
	004.0	AB028 114	Q	B		1	1	0223297		2N1305	INV
	005.0	AB004 029	R		2			0223257	01	10K OHM 5PC 1/2W	LOAD -12V
	006.0						1				
AA	0100.000.0	AB014 020	D	A	2		1	0223292	I1	1N662	GATE
	001.0	AB010 020	D	A	2		1	0223292	I2	1N662	GATE
	002.0	AB006 020	D	A	2		1	0223292	I3	1N662	GATE
	003.0	AB002 020	D	A	2		1	0223292	I4	1N662	GATE
	004.0	AB001 024	R					0223393	01	12K OHM 5PC 1/2W	LOAD -12V
	005.0						1				
AC	0101.000.0	AB002 025	R		2			0223403	I1	6.8K OHM 5PC 1/2W	COUPLING

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	001.0						1				
	002.0	AB001 026 R					1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0	AB011 114 Q	B		1		1	0223297		2N1305	INV
	003.1		C				1				
	004.0	AB001 029 R					1	0223257	01	10K OHM 5PC 1/2W	LOAD -12V
	005.0						1				
AB	0102.000.0	BB222 003					3 1	FH0000000		FEED THROUGH HOLE	T P11-22. DSZ3
	001.0	AB012 003					3 1	FH0000000		FEED THROUGH HOLE	
	002.0	AB001 006 D	A				1	0223292	11	1N662	GATE
	003.0		C				1				
	004.0	BB198 003					3 1	FH0000000		FEED THROUGH HOLE	
	005.0	AB036 003					3 1	FH0000000		FEED THROUGH HOLE	
	006.0	AB004 007 D	A	2			1	0223292	12	1N662	GATE
	007.0	BB185 110					3 1	FH0000000		FEED THROUGH HOLE	F P11-V. M1L4
	008.0	BB195 003					3 1	FH0000000		FEED THROUGH HOLE	
	009.0	AB039 003					3 1	FH0000000		FEED THROUGH HOLE	
	010.0	AB004 006 D	A	2			1	0223292	13	1N662	GATE
	011.0	AB002 007 R		2			1	0223358		27K OHM 5PC 1/2W	DIVIDER GND
	012.0	AB003 005 R						0223257	01	10K OHM 5PC 1/2W	LOAD -12V
AA	0103.000.0	CB078 124					3 1	FH0000000		FEED THROUGH HOLE	F P9-8. ECS2
	001.0	CB009 017 D	A				1	0223292	11	1N662	GATE
	002.0		C				1				
	003.0	CB009 019 D	A					0223292	12	1N662	GATE
	004.0		C				1				
	005.0	CB009 018 D	A					0223292	13	1N662	GATE
	006.0		C				1				
	007.0	CB009 016 D	A				1	0223292	14	1N662	GATE
	008.0		C				1				
	009.0	CB010 014 R		2			1	0223393	01	12K OHM 5PC 1/2W	LOAD -12V
	010.0						1				
AA	0104.000.0	CB106 123					3 1	FH0000000		FEED THROUGH HOLE	
	001.0	CB013 018 D	A				1	0223292	11	1N662	GATE
	002.0		C				1				
	003.0	CB013 019 D	A					0223292	12	1N662	GATE
	004.0		C				1				
	005.0	CB013 017 D	A				1	0223292	13	1N662	GATE
	006.0		C				1				
	007.0	CB013 016 D	A					0223292	14	1N662	GATE
	008.0		C				1				
	009.0	CB014 014 R		2			1	0223393	01	12K OHM 5PC 1/2W	LOAD -12V
AA	0105.000.0	CB015 017 D	A					0223292	11	1N662	GATE
	001.0		C				1				
	002.0	CB015 019 D	A					0223292	12	1N662	GATE
	003.0		C				1				
	004.0	CB015 018 D	A				1	0223292	13	1N662	GATE
	005.0		C				1				
	006.0	CB015 016 D	A					0223292	14	1N662	GATE
	007.0		C				1				
	008.0	CB016 014 R		2			1	0223393	01	12K OHM 5PC 1/2W	LOAD -12V
	009.0						1				
AA	0106.000.0	CB017 017 D	A					0223292	11	1N662	GATE
	001.0		C				1				
	002.0	CB017 016 D	A				1	0223292	12	1N662	GATE
	003.0		C				1				
	004.0	DB123 003					3 1	FH0000000		FEED THROUGH HOLE	
	005.0	CB111 003					3 1	FH0000000		FEED THROUGH HOLE	
	006.0	DB102 003					3 1	FH0000000		FEED THROUGH HOLE	
	007.0	CB132 003					3 1	FH0000000		FEED THROUGH HOLE	
	008.0	CB017 018 D	A				1	0223292	13	1N662	GATE
	009.0		C				1				
	010.0	CB018 014 R		2			1	0223393	01	12K OHM 5PC 1/2W	LOAD -12V
AA	0107.000.0	CB090 123					3 1	FH0000000		FEED THROUGH HOLE	T P9-6. ACOF2

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	001.0	CB011 019	D	A			1	0223292	I1	1N662	GATE
	002.0			C			1				
	003.0	CB011 016	D	A			1	0223292	I2	1N662	F P9-F. TC14
	004.0			C			1				
	005.0	CB011 018	D	A			1	0223292	I3	1N662	GATE
	006.0			C			1				
	007.0	CB011 017	D	A				0223292	I4	1N662	GATE
	008.0			C			1				
	009.0	CB012 014	R		2		1	0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
	010.0						1				
AA 0108	000.0	CB009 015	D	A				0223292		1N662	GATE
	001.0	CB010 015	D	C			1		I1		GATE
	002.0	CB013 015	D	A			1	0223292	O1	1N662	GATE
	003.0	CB012 015	D	C			1		I2		
	004.0	CB015 015	D	A			1	0223292		1N662	GATE
	005.0	CB016 015	D	C			1		I3		
	006.0	CB017 015	D	A				0223292		1N662	GATE
	007.0	CB018 015	D	C			1		I4		
	008.0	CB011 015	D	A				0223292		1N662	GATE
	009.0	CB012 015	D	C			1		I5		
	010.0	CB099 003				3	1	FH0000000		FEED THROUGH HOLE	
	011.0	DB135 003				3	1	FH0000000		FEED THROUGH HOLE	
	012.0	DB015 022	D	A			1	0223292		1N662	GATE
	013.0	DB016 022	D	C			1		I6		
AA 0109	000.0	CB094 123				3	1	FH0000000		FEED THROUGH HOLE	F P9-5. ESTO2
	001.0	CB011 006	D	A			1	0223292	I1	1N662	GATE
	002.0			C			1				
	003.0	CB011 005	D	A			1	0223292	I2	1N662	GATE
	004.0			C			1				
	005.0	CB082 121				3	1	FH0000000		FEED THROUGH HOLE	
	006.0	CB011 004	D	A			1	0223292	I3	1N662	GATE
	007.0			C			1				
	008.0	CB012 003	R		2		1	0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
AA 0110	000.0	CB013 005	D	A			1	0223292	I1	1N662	F P9-C. ESD2
	001.0			C			1				
	002.0	CB013 006	D	A			1	0223292	I2	1N662	GATE
	003.0			C			1				
	004.0	CB111 123				3	1	FH0000000		FEED THROUGH HOLE	F P9-1. TFG1
	005.0	CB013 004	D	A			1	0223292	I3	1N662	GATE
	006.0			C			1				
	007.0	CB014 003	R		2		1	0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
AB 0111	000.0	DB117 003				3	1	FH0000000		FEED THROUGH HOLE	
	001.0	CB117 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	CB015 004	D	A			1	0223292	I1	1N662	GATE
	003.0			C			1				
	004.0	CB015 005	D	A				0223292	I2	1N662	GATE
	005.0			C			1				
	006.0	CB183 014				3	1	FH0000000		FEED THROUGH HOLE	F P8-5. EMDQ4
	007.0	CB156 013				3	1	FH0000000		FEED THROUGH HOLE	
	008.0	CB018 006	D	A	2		1	0223292	I3	1N662	GATE
	009.0	CB078 025				3	1	FH0000000		FEED THROUGH HOLE	
	010.0	CB015 006	D	A				0223292	I4	1N662	GATE
	011.0			C			1				
	012.0	CB016 003	R		2		1	0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
AB 0112	000.0	CB017 004	D	A				0223292	I1	1N662	GATE
	001.0			C			1				
	002.0	CB017 005	D	A				0223292	I2	1N662	GATE
	003.0			C			1				
	004.0	CB148 117				3	1	FH0000000		FEED THROUGH HOLE	F P8-14. TFF2
	005.0	CB017 007	D	A			1	0223292	I3	1N662	GATE
	006.0			C			1				
	007.0	CB021 004				2	1	FH0000000		FEED THROUGH HOLE	F P8-T. ESQ2

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	008.0	CB015	007	D		A	1	0223292	I4	1N662	GATE
	009.0	CB018	003	R	2		1	0223393	01	12K OHM 5PC 1/2W	LOAD -12V
AA	0113.000.0	CB011	007	D		A		0223292	01	1N662	GATE
	001.0	CB012	007	D		C	1		I1		
	002.0	CB013	007	D		A		0223292		1N662	GATE
	003.0	CB014	007	D		C	1		I2		
	004.0	CB015	008	D		A		0223292		1N662	GATE
	005.0	CB016	008	D		C	1		I3		
	006.0	CB017	008	D		A		0223292		1N662	GATE
	007.0	CB018	008	D		C	1		I4		
AA	0114.000.0	CB010	007	R	2			0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0	CB010	006	R	2		1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	002.0	CB090	023	Q	B	1	1	0223297		2N1305	INV
	003.0				C		1				
	004.0	CB009	003	R			1	0223257	01	10K OHM 5PC 1/2W	LOAD -12V
AA	0115.000.0	CB015	011	D		A		0223292	I1	1N662	GATE
	001.0					C	1				
	002.0	CB015	010	D		A		0223292	I2	1N662	GATE
	003.0					C	1				
	004.0	CB015	009	D		A		0223292	I3	1N662	GATE
	005.0					C	1				
	006.0	CB016	013	R	2		1	0223393	01	12K OHM 5PC 1/2W	LOAD -12V
	007.0						1				
AA	0116.000.0	CB017	029			2	1	FH0000000		FEED THROUGH HOLE	F P8-17, ERC2
	001.0	CB017	010	D		A	1	0223292	I1	1N662	GATE
	002.0					C	1				
	003.0	CB017	028			2	1	FH0000000		FEED THROUGH HOLE	F P8-16, TR03
	004.0	CB017	011	D		A	1	0223292	I2	1N662	GATE
	005.0					C	1				
	006.0	CB017	009	D		A	1	0223292	I3	1N662	GATE
	007.0	CB017	013	R				0223393	01	12K OHM 5PC 1/2W	LOAD -12V
	008.0						1				
AA	0117.000.0	CB011	009	D		A		0223292	I1	1N662	GATE
	001.0					C	1				
	002.0	CB011	008	D		A	1	0223292	I2	1N662	F P9-J, PS144
	003.0					C	1				
	004.0	CB012	013	R	2		1	0223393	01	12K OHM 5PC 1/2W	LOAD -12V
	005.0						1				
AA	0118.000.0	CB013	008	D		A	1	0223292	I1	1N662	GATE
	001.0					C	1				
	002.0	CB013	011	D		A	1	0223292	I2	1N662	F P9-E, ERP2
	003.0					C	1				
	004.0	CB098	123			3	1	FH0000000		FEED THROUGH HOLE	F P9-4, TR13
	005.0	CB013	012	D		A	1	0223292	I3	1N662	GATE
	006.0					C	1				
	007.0	CB013	009	D		A	1	0223292	I4	1N662	GATE
	008.0					C	1				
	009.0	CB014	013	R	2		1	0223393	01	12K OHM 5PC 1/2W	LOAD -12V
AA	0119.000.0	CB015	012	D		A		0223292		1N662	GATE
	001.0	CB016	012	D		C	1		I1		
	002.0	CB013	010	D		A		0223292	01	1N662	GATE
	003.0	CB014	010	D		C	1		I2		
AB	0120.000.0	CB017	012	D		A		0223292		1N662	GATE
	001.0	CB018	012	D		C	1		I1		
	002.0	CB011	010	D		A		0223292	01	1N662	GATE
	003.0	CB012	010	D		C	1		I2		
AA	0121.000.0	CB012	012	R	2			0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0	CB009	011	R			1	0804044		22K OHM 5PC 1/2W	BIAS +6V

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
AA	0121.002.0						1				
	003.0	CB078 039	Q	B		1	1	0223297		2N1305	INV
	004.0			C			1				
	005.0	CB009 013	R				1	0223257	01	10K OHM 5PC 1/2W	LOAD -12V
	006.0						1				
AA	0122.000.0	CB012 011	R		2			0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0	CB010 010	R		2		1	0804044		22K OHM 5PC 1/2W	LOAD -12V
	002.0	CB090 039	Q	B	1	1	1	0223297		2N1305	INV
	003.0			C			1				
	004.0	CB010 012	R		2		1	0223257	01	10K OHM 5PC 1/2W	LOAD -12V
	005.0						1				
AA	0123.000.0	AB009 029	D	A			1	0223292	11	1N662	GATE
	001.0			C			1				
	002.0	AB009 030	D	A			1	0223292	12	1N662	GATE
	003.0	AB012 030	D	A	2			0223292	13	1N662	GATE
	004.0	AB011 021	R				1	0223393	01	12K OHM 5PC 1/2W	LOAD -12V
	005.0						1				
AA	0124.000.0	AB008 030	D	A	2			0223292	11	1N662	GATE
	001.0	AB008 027	D	A	2			0223292	12	1N662	GATE
	002.0	AB008 028	D	A	2			0223292	13	1N662	GATE
	003.0	AB007 029	R					0223393	01	12K OHM 5PC 1/2W	LOAD -12V
	004.0						1				
AA	0125.000.0	BB153 003				3	1	FH0000000		FEED THROUGH HOLE	
	001.0	AB081 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	AB012 026	D	A	2		1	0223292	11	1N662	GATE
	003.0			C			1				
	004.0	AB012 029	D	A	2			0223292	12	1N662	GATE
	004.5			C			1				
	005.0	BB150 003				3	1	FH0000000		FEED THROUGH HOLE	F P11-9, PS144
	006.0	AB084 003				3	1	FH0000000		FEED THROUGH HOLE	
	007.0	AB096 015	S		3	1	1	0803214		TEST POINT	PS144
	008.0						1				
	009.0	AB012 028	D	A	2		1	0223292	13	1N662	GATE
	009.5			C			1				
	010.0	AB011 027	D	A				0223292	14	1N662	GATE
	011.0	BB120 003				3	1	FH0000000		FEED THROUGH HOLE	F P11-2, TR04
	012.0	AB114 003				3	1	FH0000000		FEED THROUGH HOLE	
	013.0	AB014 029	D	A	2		1	0223292	15	1N662	GATE
	014.0	AB011 023	R				1	0223393	01	12K OHM 5PC 1/2W	LOAD -12V
	015.0						1				
AD	0126.000.0	BB129 003				3	1	FH0000000		FEED THROUGH HOLE	F P11-5, TCX3
	001.0	AB105 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	AB014 025	D	A	2		1	0223292	11	1N662	GATE
	003.0	BB146 112				3	1	FH0000000		FEED THROUGH HOLE	F P11-F, M2L4
	004.0	BB135 003				3	1	FH0000000		FEED THROUGH HOLE	
	005.0	AB099 003				3	1	FH0000000		FEED THROUGH HOLE	
	006.0	AB014 025	D	A	2		1	0223292	12	1N662	GATE
	007.0	BB138 003				3	1	FH0000000		FEED THROUGH HOLE	F P11-8, TFE2
	008.0	AB096 003				3	1	FH0000000		FEED THROUGH HOLE	
	009.0	AB014 026	D	A	2		1	0223292	13	1N662	GATE
	010.0	BB150 112				3	1	FH0000000		FEED THROUGH HOLE	F P11-H, TFF1
	011.0	BB147 003				3	1	FH0000000		FEED THROUGH HOLE	
	012.0	AB087 003				3	1	FH0000000		FEED THROUGH HOLE	
	013.1	AB014 027	D	A	2		1	0223292	14	1N662	GATE
	014.0	AB011 024	R					0223393	01	12K OHM 5PC 1/2W	LOAD -12V
	015.0						1				
AA	0127.000.0	AB014 023	D	A	2			0223292	11	1N662	GATE
	001.0			C			1				
	002.0	BB132 003				3	1	FH0000000		FEED THROUGH HOLE	
	003.0	AB102 003				3	1	FH0000000		FEED THROUGH HOLE	
	004.0	AB014 024	D	A	2		1	0223292	12	1N662	GATE

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	005.0			C		1					
	006.0	AB014 022	D	A	2			0223292	I3	1N662	GATE
	007.0			C		1					
	008.0	AB014 021	D	A	2			0223292	I4	1N662	GATE
	009.0			C		1					
	010.0	AB011 022	R					0223393	01	12K OHM 5PC 1/2W	LOAD -12V
	011.0					1					
AA	0128.000.0	AB009 021	D	A			1	0223292	01	1N662	GATE
	001.0	AB010 021	D	C			1		11		
	002.0	AB008 026	D	A	2			0223292		1N662	GATE
	003.0	AB007 026	D	C					12		
	004.0	AB009 025	D	A			1	0223292		1N662	GATE
	005.0	AB010 025	D	C					13		
	006.0	AB009 023	D	A			1	0223292		1N662	GATE
	007.0	AB010 023	D	C			1		14		
	008.0	AB009 024	D	A			1	0223292		1N662	GATE
	009.0	AB010 024	D	C					15		
	010.0	AB009 022	D	A			1	0223292		1N662	GATE
	011.0	AB010 022	D	C					16		
	012.0	AB066 003				3	1	FH0000000		FEED THROUGH HOLE	
	013.0	BB168 003				3	1	FH0000000		FEED THROUGH HOLE	T P11-11. RSUQ6
	014.0	CB018 003				3	1	FH0000000		FEED THROUGH HOLE	
	015.0	DB216 003				3	1	FH0000000		FEED THROUGH HOLE	
	016.0	DB025 022	D	A			1	0223292		1N662	GATE
	017.0	DB026 022	D	C					17		
AA	0129.000.0	CB036 123				3	1	FH0000000		FEED THROUGH HOLE	F P9-V. RSUQ6
	001.0	CB007 028	R					0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	002.0					1					
	003.0	CB008 026	R		2		1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	004.0	CB070 091	Q	B		1	1	0223297		2N1305	INV
	005.0	CB008 024	R		2		1	0223257	01	10K OHM 5PC 1/2W	LOAD -12V
AA	0130.000.0	AB015 023	D	A				0223292	11	1N662	GATE
	001.0			C		1					
	002.0	AB016 022	D	A	2		1	0223292	12	1N662	GATE
	003.0	AB013 030	D	A				0223292	13	1N662	GATE
	004.0	AB015 021	D	A				0223292	14	1N662	GATE
	005.0			C		1					
	006.0	AB016 030	R		2			0223326	01	15K OHM 5PC 1/2W	LOAD -12V
	007.0					1					
AB	0131.000.0	AB016 025	R		2		1	0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0	AB016 026	R		2		1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	002.0	AB128 114	Q	B		1		0223297		2N1305	INV
	003.0			C		1					
	004.0	AB015 029	R				1	0223257	01	10K OHM 5PC 1/2W	LOAD -12V
	005.0	AB117 003				3	1	FH0000000		FEED THROUGH HOLE	
	006.0	BB117 003				3	1	FH0000000		FEED THROUGH HOLE	T P10-22. RERD3
AB	0132.000.0	BB085 110				3	1	FH0000000		FEED THROUGH HOLE	F P10-X. ACDF2
	001.0	BB090 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	AB144 003				3	1	FH0000000		FEED THROUGH HOLE	
	003.0	AB017 023	D	A			1	0223292	11	1N662	GATE
	004.0			C		1					
	005.0	BB099 003				3	1	FH0000000		FEED THROUGH HOLE	F P10-17. ASC1
	006.0	AB135 003				3	1	FH0000000		FEED THROUGH HOLE	
	007.0	AB017 022	D	A			1	0223292	12	1N662	GATE
	008.0			C		1					
	009.0	AB017 028	D	A			1	0223292	13	1N662	GATE
	010.0			C		1					
	011.0	AB017 021	D	A				0223292	14	1N662	GATE
	012.0			C		1					
	013.0	AB018 030	R		2			0223393	01	12K OHM 5PC 1/2W	LOAD -12V
AB	0133.000.0	AB018 025	R		2		1	0223403	11	6.8K OHM 5PC 1/2W	COUPLING

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	001.0						1				
	002.0	AB018 024	C		2		1	0804159		330 PF 10PC 100V MICA	SPEED UP
	003.0						1				
	004.0	AB017 026	R				1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	005.0	AB136 114	Q	B		1	1	0223297		2N1305	INV
	006.0	AB017 029	R				1	0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
	007.0	AB147 003				3	1	FH0000000		FEED THROUGH HOLE	
	008.0	BB087 003				3	1	FH0000000		FEED THROUGH HOLE	
	009.0	BB081 110				3	1	FH0000000		FEED THROUGH HOLE	T P10-W, RCM3
AC	0134.000.0	BB065 110				3	1	FH0000000		FEED THROUGH HOLE	F P10-R, MMDL3
	001.0	BB066 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	AB168 003				3	1	FH0000000		FEED THROUGH HOLE	
	003.0	AB019 023	D	A			1	0223292	I1	1N662	GATE
	004.0			C			1				
	005.0	AB019 024	D	A			1	0223292	I2	1N662	GATE
	006.0			C			1				
	007.0	AB019 021	D	A				0223292	I3	1N662	GATE
	008.0			C			1				
	009.0	AB019 020	D	A				0223292	I4	1N662	GATE
	010.0			C			1				
	011.0	BB069 003				3	1	FH0000000		FEED THROUGH HOLE	F P10-12, RLR13
	012.0	AB165 003				3	1	FH0000000		FEED THROUGH HOLE	
	013.0	AB019 022	D	A			1	0223292	I5	1N662	GATE
	014.0			C			1				
	015.0	AB020 030	R		2		1	0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
	016.0						1				
AB	0135.000.0	AB020 025	R		2		1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	AB019 026	R				1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0	AB160 114	Q	B		1	1	0223297		2N1305	INV
	005.0	AB019 029	R					0223403	O1	6.8K OHM 5PC 1/2W	LOAD -12V
	006.0	AB171 003				3	1	FH0000000		FEED THROUGH HOLE	
	007.0	BB063 003				3	1	FH0000000		FEED THROUGH HOLE	T P10-11, RSL06
AB	0136.000.0	BB061 110				3	1	FH0000000		FEED THROUGH HOLE	F P10-P, TC154
	001.0	BB060 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	AB174 003				3	1	FH0000000		FEED THROUGH HOLE	
	003.0	AB021 020	D	A			1	0223292	I1	1N662	GATE
	004.0			C			1				
	005.0	BB057 003				3	1	FH0000000		FEED THROUGH HOLE	
	006.0	AB177 003				3	1	FH0000000		FEED THROUGH HOLE	
	007.0	AB021 021	D	A			1	0223292	I2	1N662	GATE
	008.0			C			1				
	009.0	AB021 022	D	A				0223292	I3	1N662	GATE
	010.0			C			1				
	011.0	AB021 024	D	A			1	0223292	I4	1N662	GATE
	012.0			C			1				
	013.0	AB021 023	D	A			1	0223292	I5	1N662	GATE
	014.0			C			1				
	015.0	AB022 029	R		2		1	0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
AE	0137.000.0	AB022 025	R		2		1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	AB021 026	R				1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	005.0	AB168 114	Q	B		1	1	0223297		2N1305	INV
	006.0	AB168 114	Q	C		1	1		O1		
AB	0138.001.0	AB020 003	D	A	2		1	0223292	I1	1N662	GATE
	002.0	AB026 002	D	A	2		1	0223292	I2	1N662	GATE
	003.0			C			1				
	004.0	AB018 007	R		2			0223326	O1	15K OHM 5PC 1/2W	LOAD -12V
	005.0	AB204 003				3	1	FH0000000		FEED THROUGH HOLE	
	006.0	BB030 003				3	1	FH0000000		FEED THROUGH HOLE	
	007.0	BB033 110				3	1	FH0000000		FEED THROUGH HOLE	T P10-E, CED55
AB	0139.000.1	CB013 022				2	1	FH0000000		FEED THROUGH HOLE	

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	001.0	CB015 023	R				1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	002.0						1				
	003.0	CB016 028	R		2		1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	004.0	CB136 091	Q	B		1	1	0223297		2N1305	INV
	005.0			C			1				
	006.0	CB016 024	R		2		1	0223253	O1	2.2K OHM 5PC 1/2W	LOAD -12V
AA 0140	000.0	CB132 125				3	1	FH0000000		FEED THROUGH HOLE	T P8-21, ASA13
	001.0	CB016 026	R		2		1	0223326	I1	15K OHM 5PC 1/2W	COUPLING
	002.0						1				
	003.0	CB016 027	R		2		1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	004.0	CB132 091	Q	B	1	1	1	0223297		2N1305	INV
	005.0			C			1				
	006.0	CB015 025	R				1	0223401	O1	4.7K OHM 5PC 1/2W	LOAD -12V
	007.0	CB136 121				3	1	FH0000000		FEED THROUGH HOLE	T P8-19, ARA13
AA 0141	000.0	CB014 026	D	A	2			0223292	I1	1N662	GATE
	001.0			C			1				
	002.0	CB102 123				3	1	FH0000000		FEED THROUGH HOLE	F P9-3, EMU2
	003.0	CB013 025	D	A			1	0223292	I2	1N662	GATE
	004.0	CB013 024	R				1	0223326	O1	15K OHM 5PC 1/2W	LOAD -12V
AB 0142	000.0	CB013 028	R				1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	CB014 027	R		2		1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0	CB119 091	Q	B		1	1	0223297		2N1305	LOAD -12V
	004.0			C			1				
	005.0	CB014 023	R		2		1	0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
	006.1	CB014 029				2	1	FH0000000		FEED THROUGH HOLE	T P8-20, AERM3
AA 0143	000.0	CB006 027	D	A	2		1	0223292	I1	1N662	GATE
	001.0	CB009 028	D	A			1	0223292	I2	1N662	GATE
	002.0	CB011 024	R				1	0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
AA 0144	000.0	CB011 026	R				1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	CB012 025	R		2		1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0	CB102 091	Q	B		1	1	0223297		2N1305	INV
	004.0			C			1				
	005.0	CB012 023	R		2		1	0223353	O1	8.2K OHM 5PC 1/2W	T P9-D, SEAC4
AA 0145	000.0	FB025 029	R					0223353	I1	8.2K OHM 5PC 1/2W	INPUT
	001.0	FB026 028	R		2		1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	002.0	FB026 033	Q	B	1			0223297		2N1305	INV
	003.0			C			1				
	004.0	FB024 029	R		2		1	0223401	O1	4.7K OHM 5PC 1/2W	LOAD -12V
AA 0146	000.0	FB025 030	D	A			1	0223292	I1	1N662	INPUT
	001.0	FB024 030	D	A	2		1	0223292	I2	1N662	INPUT
	002.0	FB023 031	R					0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
AA 0147	000.0	FB026 032	R		2			0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0	FB026 031	C		2			0804159		330 PF 10PC 100V MICA	SPEED UP
	002.0	FB026 033	R		2		1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0	FB025 034	D	A				0223292		1N662	CLAMP
	004.0	FB024 033	Q	B	1			0804111		2N2635	INV
	005.0	FB023 032	R					0223388		3.3K OHM 5PC 1/2W	LOAD -12V
	006.0	FB023 034	R					0223403		6.8K OHM 5PC 1/2W	DIVIDER
	007.0	FB023 033	Q	B				0804008		2N1304	EF
	008.0			E			1				
	009.0	FB023 033	R				1	0223253	O1	2.2K OHM 5PC 1/2W	LOAD -12V
	010.0	FB180 015	S			3	1	0803214		TEST POINT	SBC9
	011.0						1				
AC 0148	000.0	EB072 003				3	1	FH0000000		FEED THROUGH HOLE	F P7-J, TC153
	001.0	FB162 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	EB018 003				3	1	FH0000000		FEED THROUGH HOLE	

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	003.0	FB216 003				3	1	FH0000000		FEED THROUGH HOLE	
	005.3	FB211 007	D	A		1		0223292	I2	1N662	GATE
	006.0	FB024 026	D	A	2		1	0223292	I3	1N662	GATE
	007.0	FB024 027	D	A	2			0223292	I1	1N662	GATE
	008.0	FB025 001	D	A			1	0223292	I4	1N662	GATE
	009.0			C			1				
	010.0	FB024 025	R		2			0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
	011.0						1				
AB	0149.000.0	FB025 027	R				1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0	FB026 026	C		2			0804159		330 PF 10PC 100V MICA	SPEED UP
	002.0						1				
	003.0	FB025 025	R				1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	004.0	FB025 024	D	A			1	0223292		1N662	CLAMP
	005.0	FB211 080	Q	B		1	1	0804111		2N2635	INV
	006.0	FB023 023	R				1	0223388		3.3K OHM 5PC 1/2W	LOAD -12V
	007.0	FB025 023	R					0223403		6.8K OHM 5PC 1/2W	DIVIDER
	008.0	FB223 080	Q	B	1	1		0804008		2N1304	EF
	009.0			E			1				
	010.0	FB024 024	R		2			0223253	O1	2.2K OHM 5PC 1/2W	LOAD -12V
	011.0						1				
	012.0	FB210 003				3	1	FH0000000		FEED THROUGH HOLE	
	013.0	EB024 003				3	1	FH0000000		FEED THROUGH HOLE	
	014.0	FB192 007	S		1	1		0803214		TEST POINT	SAC9
AA	0150.000.0	CB012 028	D	A	2			0223292	I1	1N662	F P9-2. YCPR3
	001.0			C			1				
	002.0	CB008 027	D	A	2		1	0223292	I2	1N662	GATE
	003.0	CB009 027	D	A			1	0223292	I3	1N662	GATE
	004.0			C			1				
	005.0	CB009 024	R				1	0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
AB	0151.000.0	CB009 026	R				1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0	CB010 025	R		2		1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	002.0	CB086 091	Q	B		1	1	0223297		2N1305	INV
	003.0			C			1				
	004.0	CB009 023	R					0223353	O1	8.2K OHM 5PC 1/2W	LOAD -12V
	005.0						1				
	006.0	CB086 123				3	1	FH0000000		FEED THROUGH HOLE	T P9-7. SEAD4
AA	0152.000.0	EB027 003				3	1	FH0000000		FEED THROUGH HOLE	
	001.0	FB207 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	FB024 004	D	A	2		1	0223292	I1	1N662	INPUT
	003.0	EB078 003				3	1	FH0000000		FEED THROUGH HOLE	F P7-E. SEAD4
	004.0	FB156 003				3	1	FH0000000		FEED THROUGH HOLE	
	005.0	FB019 006	D	A			1	0223292	I2	1N662	INPUT
	006.0	FB024 009	R		2			0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
	007.0						1				
AA	0153.000.0	FB023 006	R					0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0	FB024 005	C		2			0804159		330 PF 10PC 100V MICA	SPEED UP
	002.0	EB015 003				3	1	FH0000000		FEED THROUGH HOLE	
	003.0	FB219 003				3	1	FH0000000		FEED THROUGH HOLE	
	004.0	FB026 003	R		2		1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	005.0	FB025 004	D	A				0223292		1N662	CLAMP
	006.0	FB026 005	Q	B	1			0804111		2N2635	INV
	007.0	FB023 008	R				1	0223388		3.3K OHM 5PC 1/2W	LOAD -12V
	008.0	FB025 005	R					0223403		6.8K OHM 5PC 1/2W	DIVIDER
	009.0	FB025 005	Q	B				0804008		2N1304	EF
	010.0	FB024 007	R		2			0223228	O1	1K OHM 5PC 1/2W	LOAD -12V
	011.0						1				
	012.0	FB184 015	S			3	1	1 0803214		TEST POINT	SAD9
	013.0						1				

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
AD	0154,001,0	CB007 015	D	A				223292	I1	1N662	GATE
	002.0			C		1					
	003.0	DB 65 03			3	1	FH	000000		FEED THROUGH HOLE	
	004.0	CB 69 03			3	1	FH	000000		FEED THROUGH HOLE	
	005.0	CB007 018	D	A		1		223292	I2	1N662	GATE
	006.0			C		1					
	007.0	CB007 025	D	A				223292	I3	1N662	GATE
	008.0			C		1					
	009.0	CB007 017	D	A				223292	I4	1N662	GATE
	010.0	CB008 023	R		2		1	223393	O1	12K OHM 5PC 1/2W	LOAD -12V
	011.5	CB007 016				2	XX	000000		UNPLATED HOLE	
	012.5	CB008 016				2	1	FH 000000		FEED THROUGH HOLE	
AA	0155,000,0	CB008 014	R		2		1	223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0	CB008 013	R		2		1	804044		22K OHM 5PC 1/2W	BIAS +6V
	002.0	CB 74 83	Q	B	1	1	1	223297		2N1305	INV
	003.0			C			1				
	004.0	CB008 012	R		2		1	223353	O1	8.2K OHM 5PC 1/2W	LOAD -12V
	005.0	CB 74 24				3	1	FH 000000		FEED THROUGH HOLE	T P9-9. SEDB4
AA	0156,000,0	FB026 017	R		2		1	223353	I1	8.2K OHM 5PC 1/2W	INPUT
	001.0	FB025 018	R					804044		22K OHM 5PC 1/2W	BIAS +6V
	002.0	FB025 018	Q	B	2			223297		2N1305	INV
	003.0	FB024 018	R		2			223401	O1	4.7K OHM 5PC 1/2W	LOAD -12V
AA	0157,000,0	FB024 016	D	A	2			223292	I1	1N662	INPUT
	001.0	FB024 017	D	A	2			223292	I2	1N662	INPUT
	002.0	FB024 015	R		2			223393	O1	12K OHM 5PC 1/2W	LOAD -12V
	003.0					1					
AA	0158,000,0	FB023 014	R					223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0					1					
	002.0	FB024 013	C		2		1	804159		330 PF 10PC 100V MICA	SPEED UP
	003.0	FB026 008	R		2		1	804044		22K OHM 5PC 1/2W	BIAS +6V
	004.0					1					
	005.0	FB025 009	D	A			1	223292		1N662	CLAMP
	006.0	FB024 018	Q	B	1		1	804111		2N2635	INV
	007.0	FB024 019	R		2		1	223388		3.3K OHM 5PC 1/2W	LOAD -12V
	008.0	FB025 010	R				1	223403		6.8K OHM 5PC 1/2W	DIVIDER
	009.0	FB023 018	Q	B				804008		2N1304	EF
	010.0			E			1				
	011.0	FB023 012	R				1	223253	O1	2.2K OHM 5PC 1/2W	LOAD -12V
	012.0	FB 96 15	S		3	1	1	803214		TEST POINT	SAB9
	013.0						1				
AB	0159,000,0	FB025 014	D	A			1	223292	I2	1N662	GATE
	001.0	FB025 015	D	A				223292	I1	1N662	GATE
	002.1	FB 77 23	D	A		1		223292	I3	1N662	GATE
	003.0	FB024 010	R		2			223393	O1	12K OHM 5PC 1/2W	LOAD -12V
	004.0						1				
AA	0160,000,0	FB026 012	R		2			223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	FB026 011	C		2			804159		330 PF 10PC 100V MICA	SPEED UP
	003.0						1				
	004.0	FB025 013	R				1	804044		22K OHM 5PC 1/2W	BIAS +6V
	005.0						1				
	006.0	FB025 019	D	A			1	223292		1N662	CLAMP
	007.0	FB 94 80	Q	B		1		804111		2N2635	INV
	008.0	FB 06 75	R			2	1	223388		3.3K OHM 5PC 1/2W	LOAD -12V
	009.0	FB 11 75	R				1	223403		6.8K OHM 5PC 1/2W	DIVIDER
	010.0	FB 06 80	Q	B	1	1	1	804008		2N1304	EF
	011.0			E			1				
	012.0	FB024 011	R			2	1	223253	O1	2.2K OHM 5PC 1/2W	LOAD -12V
	013.0						1				
	014.0	FB 72 15	S			3	1	803214		TEST POINT	SDB9
	015.0						1				
AA	0161,000,0	CB005 018	D	A			1	223292	I1	1N662	GATE

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	001.0			C			1				
	002.0	CB005 019	D	A			1	0223292	I2	1N662	F P9-R. AIRS3
	003.0	CB006 017	R		2		1	0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
	004.0						1				
AB	0162.000.0	CB005 015	R				1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	CB005 016	C				1	0804159		330 PF 10PC 100V MICA	SPEED UP
	003.0	CB005 014	R				1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	004.0						1				
	005.0	CB066 083	Q	B	1	1	1	0223297		2N1305	INV
	006.0			C			1				
	007.0	CB006 013	R		2		1	0223401	O1	4.7K OHM 5PC 1/2W	LOAD -12V
	008.0						1				
AA	0163.000.0	CB025 024	D	A				0223292	I1	1N662	GATE
	001.0			C			1				
	002.0	CB025 016	D	A			1	0223292	I2	1N662	F P8-H. MAD4
	003.0			C			1				
	004.0	CB025 015	D	A			1	0223292	I3	1N662	F P8-F. TC154
	005.0			C			1				
	006.0	CB025 014	D	A			1	0223292	I4	1N662	F P8-E. CDZ3
	007.0			C			1				
	008.0	CB025 013	D	A			1	0223292	I5	1N662	F P8-D. TR14
	009.0			C			1				
	010.0	CB026 017	R		2		1	0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
AA	0164.000.0	CB025 021	R					0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	CB025 022	C					0804159		330 PF 10PC 100V MICA	SPEED UP
	003.0						1				
	004.0	CB026 023	R		2			0804044		22K OHM 5PC 1/2W	BIAS +6V
	005.0	CB223 083	Q	B	1	1	1	0223297		2N1305	INV
	006.0			C			1				
	007.0	CB026 018	R		2		1	0804043	O1	5.6K OHM 5PC 1/2W	T P8-A. AIDM3
AA	0165.000.0	CB023 016	D	A				0223292	I1	1N662	GATE
	001.0			C			1				
	002.0	CB023 025	D	A			1	0223292	I2	1N662	F P8-P. XRDL4
	003.0			C			1				
	004.0	CB024 024	R		2		1	0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
	005.0						1				
AA	0166.000.0	CB023 014	R					0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	CB023 015	C					0804156		100 PF 10PC 100V MICA	SPEED UP
	003.0						1				
	004.0	CB023 023	R				1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	005.0	CB024 021	D	A	2		1	0223292		1N662	CLAMP
	006.0	CB206 083	Q	B	1	1	1	0804111		2N2635	INV
	007.0			C			1				
	008.0	CB024 022	R		2		1	0223358		27K OHM 5PC 1/2W	T P8-J. AIDS3
	009.0	CB024 017	R		2		1	0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
	010.0						1				
AA	0167.000.0	EB004 029	D	A	2		1	0223292	I1	1N662	F P7-R. AIRS3
	001.0			C			1				
	002.0	EB001 033	D	A				0223292	I2	1N662	F P7-20. AIRA3
	003.0			C			1				
	004.0	EB003 027	D	A			1	0223292	I3	1N662	GATE
	005.0	EB001 032	D	A				0223292	I4	1N662	F P7-19. AIRX3
	006.0			C			1				
	007.0	EB003 028	R				1	0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
AA	0168.000.0	EB003 031	R				1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0	EB003 032	C				1	0804159		330 PF 10PC 100V MICA	SPEED UP
	002.0	EB004 030	R		2			0804044		22K OHM 5PC 1/2W	BIAS +6V

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
AA	0168.003.0	EB006 031	D	A	2		1	223292		1N662	CLAMP
	004.0			C			1				
	005.0	EB006 032	Q	B	1		1	804111		2N2635	INV
	006.0			C			1				
	007.0	EB005 029	R				1	223388		3.3K OHM 5PC 1/2W	LOAD =12V
	008.0						1				
	009.0	EB006 030	R		2		1	223403		6.8K OHM 5PC 1/2W	DIVIDER
	010.0						1				
	011.0	EB005 032	Q	B				804008		2N1304	EF
	012.0	EB006 032	R		2			223253	01	2.2K OHM 5PC 1/2W	LOAD =12V
	013.0						1				
AF	0169.000.0	CB006 026	D	A	2		1	223292	I1	1N662	F P9-N. RERD3
	001.0	CB 57 24				3	1	FH 000000		FEED THROUGH HOLE	F P9-13. RCM3
	002.0	CB006 028	D	A	2		1	223292	I2	1N662	GATE
	003.0			C			1				
	004.0	CB020 026	D	A	2			223292	I3	1N662	F P8-7. ARD53
	005.0	CB026 025	D	A	2		1	223292	I4	1N662	F P8-5. RSL05
	005.2	DB 22 03				3	1	FH 000000		FEED THROUGH HOLE	
	005.4	CB 12 03				3	1	FH 000000		FEED THROUGH HOLE	
	005.6	DB 07 03				3	1	FH 000000		FEED THROUGH HOLE	
	005.8	CB 27 03				3	1	FH 000000		FEED THROUGH HOLE	
	010.0	CB003 028	D	A			1	223292	I5	1N662	T P9-19. RCR03
	011.0			C			1				
	013.0	CB006 023	R		2			223393	01	12K OHM 5PC 1/2W	LOAD =12V
	014.5	CB011 027				2		XX 000000		UNPLATED HOLE	
	015.5	CB012 027				2		XX 000000		UNPLATED HOLE	
AA	0170.000.0	CB005 024	R					223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	CB006 025	R		2		1	804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0						1				
	004.0	CB 62 91	Q	B		1	1	223297		2N1305	INV
	005.0			C			1				T P9-M. CERD4
	006.0	CB006 020	R		2			223353	01	8.2K OHM 5PC 1/2W	LOAD =12V
AB	0171.000.0	EB 36 03				3	1	FH 000000		FEED THROUGH HOLE	F P7-W. CERD4
	001.0	FB 98 03				3	1	FH 000000		FEED THROUGH HOLE	
	002.0	FB022 012	D	A	2		1	223292	I1	1N662	GATE
	003.0			C			1				
	004.0	FB022 013	D	A	2			223292	I2	1N662	GATE
	005.0			C			1				
	006.0	FB021 009	R				1	223393	01	12K OHM 5PC 1/2W	LOAD =12V
AB	0172.000.0	FB021 011	R				1	223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	FB022 010	C		2		1	804159		330 PF 10PC 100V MICA	SPEED UP
	003.0						1				
	004.0	FB022 006	R		2		1	804044		22K OHM 5PC 1/2W	BIAS +6V
	005.0	FB022 014	D	A	2		1	223292		1N662	CLAMP
	006.0	FB022 018	Q	B	1		1	804111		2N2635	INV
	007.0	FB022 008	R		2		1	223388		3.3K OHM 5PC 1/2W	LOAD =12V
	008.0	FB022 015	R		2		1	223403		6.8K OHM 5PC 1/2W	DIVIDER
	010.1	FB 89 60	Q	B	1	1	1	804008		2N1304	EF
	010.2			E			1				
	011.0	FB022 007	R		2		1	223253	01	2.2K OHM 5PC 1/2W	
AB	0173.000.0	EB 76 65				3	1	FH 000000		FEED THROUGH HOLE	*Y+025*
	001.0	EB006 018	D	A	2			223292	I1	1N662	F P7-F. MSU4
	002.0			C			1				
	003.0	EB005 027	D	A			1	223292	I2	1N662	F P7-P. TB154
	004.0	EB006 026	D	A	2		1	223292	I3	1N662	F P7-M. TR04
	005.0			C			1				
	006.0	EB006 017	D	A	2			223292	I4	1N662	GATE
	007.0			C			1				
	008.0	EB006 028	R		2			223393	01	12K OHM 5PC 1/2W	LOAD =12V
	009.0						1				
AA	0174.000.0	EB006 024	R		2			223403	I1	6.8K OHM 5PC 1/2W	COUPLING

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	001.0	EB005 025	C					0804159		330 PF 10PC 100V MICA	SPEED UP
	002.0	EB005 023	R					0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0	EB006 021	D	A	2		1	0223292		1N662	CLAMP
	004.0			C			1				
	005.0	EB006 020	Q	B	1		1	0804111		2N2635	INV
	006.0			C			1				
	007.0	EB006 019	R		2		1	0223388		3.3K OHM 5PC 1/2W	LOAD -12V
	008.0	EB006 022	R		2		1	0223403		6.8K OHM 5PC 1/2W	DIVIDER
	009.0						1				
	010.0	EB005 020	Q	B				0804008		2N1304	EF
	011.0	EB006 020	R		2		1	0223253	01	2.2K OHM 5PC 1/2W	LOAD -12V
	012.0						1				
AB	0175.000.0	EB129 003				3	1	FH0000000		FEED THROUGH HOLE	F P6-Y. AIDM3
	001.0	FB105 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	FB012 004	R		2		1	0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	003.0						1				
	004.0	FB012 003	C		2		1	0804156		100 PF 10PC 100V MICA	SPEED UP
	005.0						1				
	006.0	FB014 003	R		2		1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	007.0	FB010 005	D	A	2		1	0223292		1N662	CLAMP
	008.0	FB010 005	Q	B	1		1	0804111		2N2635	INV
	009.0	FB010 002	R		2			0223388	01	3.3K OHM 5PC 1/2W	LOAD -12V
AA	0176.000.0	FB009 004	R					0804043	11	5.6K OHM 5PC 1/2W	COUPLING
	001.0	FB010 003	C		2			0804156		100 PF 10PC 100V MICA	SPEED UP
	002.0	FB014 004	R		2		1	0223358		27K OHM 5PC 1/2W	BIAS +6V
	003.0	FB012 005	D	A	2		1	0223292		1N662	CLAMP
	004.0	FB012 005	Q	B	3		1	0804111		2N2635	INV
	005.0	FB012 002	R		2			0223388		3.3K OHM 5PC 1/2W	LOAD -12V
	006.0	FB014 005	R		2		1	0223403		6.8K OHM 5PC 1/2W	DIVIDER
	007.0	FB014 005	Q	B	1		1	0804008		2N1304	EF
	008.0			E			1				
	009.0	FB014 002	R		2		1	0223408	01	820 OHM 5PC 1/2W	LOAD -12V
AB	0177.000.0	EB003 005	D	A				0223292	11	1N662	GATE
	001.0			C			1				
	002.0	EB004 015	D	A	2		1	0223292	12	1N662	F P7-V. MAD4
	003.0	EB005 014	D	A			1	0223292	13	1N662	F P7-N. TCX5
	004.0	EB005 013	D	A			1	0223292	14	1N662	GATE
	005.0	EB003 014	D	A			1	0223292	15	1N662	GATE
	006.0			C			1				
	007.0	EB006 012	R		2			0223393	01	12K OHM 5PC 1/2W	LOAD -12V
	008.0						1				
AB	0178.000.0	EB006 011	R		2			0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0	EB005 010	C					0804156		100 PF 10PC 100V MICA	SPEED UP
	002.0	EB005 009	R					0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0	EB002 004	D	A	2		1	0223292		1N662	CLAMP
	004.0	EB002 003	Q	B	1		1	0804111		2N2635	INV
	005.0	EB021 003				3	1	FH0000000		FEED THROUGH HOLE	
	006.0	FB213 003				3	1	FH0000000		FEED THROUGH HOLE	
	007.0	FB025 002	R					0804044		22K OHM 5PC 1/2W	DIVIDER
	008.0	EB001 002	R				1	0223403	01	6.8K OHM 5PC 1/2W	LOAD -12V
AB	0179.000.0	EB003 006	D	A				0223292	11	1N662	GATE
	001.0			C			1				
	002.0	EB003 012	D	A			1	0223292	12	1N662	GATE
	003.0			C			1				
	004.0	EB004 013	R		2		1	0223393	01	12K OHM 5PC 1/2W	LOAD -12V
AB	0180.000.0	EB004 007	R		2		1	0223393	11	12K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	EB003 011	R					0804044		22K OHM 5PC 1/2W	BIAS +6V
	004.3	EB003 003	Q	B			1	0223297		2N1305	INV
	004.7			C			1				
	005.0	EB003 002	R				1	0223393	01	12K OHM 5PC 1/2W	LOAD -12V

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	006.0						1				
AA	0181.000.0	EB008 116				3	1	FH0000000		FEED THROUGH HOLE	F P7-21, RCR03
	001.0	EB001 001	D		A		1	0223292	I2	1N662	GATE
	002.0				C		1				
	003.0	EB001 013	D		A		1	0223292	I3	1N662	F P7-Z, XRDL4
	004.0				C		1				
	005.0	EB168 003				3	1	FH0000000		FEED THROUGH HOLE	F P6-K, RCY3
	006.0	FB066 003				3	1	FH0000000		FEED THROUGH HOLE	
	007.0	EB008 001	D	A	2			0223292	I1	1N662	GATE
	008.0	EB002 012	R		2		1	0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
AB	0182.000.0	EB002 009	R		2		1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	EB001 010	C				1	0804156		100 PF 10PC 100V MICA	SPEED UP
	002.5						1				
	003.0	EB002 011	R		2		1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	004.0						1				
	005.0	EB002 005	D	A	2			0223292		1N662	CLAMP
	006.0	EB001 003	Q	B			1	0804111		2N2635	INV
	007.0			C			1				
	008.0	EB001 003	R				1	0223401	O1	4.7K OHM 5PC 1/2W	LOAD -12V
AA	0183.000.0	EB001 007	D	A			1	0223292	I1	1N662	GATE
	001.0	EB001 006	D	A				0223292	I2	1N662	GATE
	002.0	EB048 003				3	1	FH0000000		FEED THROUGH HOLE	F P7-L, A1RQ3
	003.0	FB186 003				3	1	FH0000000		FEED THROUGH HOLE	
	004.0	EB039 003				3	1	FH0000000		FEED THROUGH HOLE	
	005.0	FB195 003				3	1	FH0000000		FEED THROUGH HOLE	
	006.0	EB004 001	D	A	2			0223292	I3	1N662	GATE
	007.0			C			1				
	008.0	EB002 008	R		2			0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
AA	0184.000.0	EB003 008	R				1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0	EB003 009	C				1	0804156		100 PF 10PC 100V MICA	SPEED UP
	002.0	EB004 010	R		2			0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0	EB004 004	D	A	2		1	0223292		1N662	CLAMP
	004.0	EB004 003	Q	B	1		1	0804111		2N2635	INV
	005.0			C			1				
	006.0	EB004 003	R		2		1	0223388	O1	3.3K OHM 5PC 1/2W	LOAD -12V
AC	0185.000.0	EB005 006	R				1	0804043	I1	5.6K OHM 5PC 1/2W	COUPLING
	001.0	EB005 007	C				1	0804156		100 PF 10PC 100V MICA	SPEED UP
	002.0	EB006 008	R		2			0223358		27K OHM 5PC 1/2W	BIAS +6V
	003.0	EB006 004	D	A	2			0223292		1N662	CLAMP
	004.0	EB006 003	Q	B	1			0804111		2N2635	INV
	005.0	EB006 005	R		2			0223403		6.8K OHM 5PC 1/2W	DIVIDER
	006.0	EB006 003	R		2			0223388		3.3K OHM 5PC 1/2W	LOAD -12V
	007.0	EB005 003	Q	B				0804008		2N1304	EF
	008.0			E			1				
	009.0	EB006 002	R		2		1	0223408	O1	820 OHM 5PC 1/2W	LOAD -12V
	010.0	EB042 003				3	1	FH0000000		FEED THROUGH HOLE	
	011.0	FB192 003				3	1	FH0000000		FEED THROUGH HOLE	
	012.0	FB188 007	S		1	1	1	0803214		TEST POINT	C1A9
AA	0186.000.0	CB004 011	D	A	2			0223292	I1	1N662	GATE
	001.0			C			1				
	002.0	CB004 010	D	A	2			0223292	I2	1N662	GATE
	003.0			C			1				
	004.0	CB003 009	R				1	0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
AA	0187.000.0	CB003 006	R				1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	CB003 007	C				1	0804159		330 PF 10PC 100V MICA	SPEED UP
	003.0						1				
	004.0	CB004 008	R		2			0804044		22K OHM 5PC 1/2W	BIAS +6V
	005.0	CB040 023	Q	B	1	1	1	0223297		2N1305	INV

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	006.0			C			1				
	007.0	CB004 003	R		2			0223253	01	2.2K OHM 5PC 1/2W	LOAD -12V
	008.0	CB049 123				3	1	FH0000000		FEED THROUGH HOLE	T P9-15, AESA3
AA	0188.000.0	CB001 015	D	A			1	0223292	I1	1N662	F P9-Y, MSU4
	001.0	CB001 012	D	A			1	0223292	I2	1N662	T P9-X, CA94
	002.0			C			1				
	003.0	CB002 013	R		2		1	0223393	01	12K OHM 5PC 1/2W	LOAD -12V
AA	0189.000.0	CB004 014	R		2			0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	CB003 015	C				1	0804159		330 PF 10PC 100V MICA	SPEED UP
	003.0	CB003 013	R				1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	004.0						1				
	005.0	CB032 023	Q	B	1	1	1	0223297		2N1305	INV
	006.0			C			1				
	007.0	CB003 012	R				1	0223253	01	2.2K OHM 5PC 1/2W	
	008.0	CB045 123				3	1	FH0000000		FEED THROUGH HOLE	T P9-16, AERS3
AA	0190.000.0	CB005 010	D	A				0223292	I1	1N662	GATE
	001.0			C			1				
	002.0	CB005 011	D	A			1	0223292	I2	1N662	GATE
	003.0			C			1				
	004.0	CB006 002	R		2		1	0223326	01	15K OHM 5PC 1/2W	LOAD -12V
AA	0191.000.0	CB040 123				3	1	FH0000000		FEED THROUGH HOLE	F P9-17, CA52
	001.0	CB002 018	D	A	2		1	0223292	I1	1N662	GATE
	002.0	CB053 123				3	1	FH0000000		FEED THROUGH HOLE	F P9-14, CA41
	003.0	CB004 016	D	A	2		1	0223292	I2	1N662	GATE
	004.0	CB001 016	R					0223326	01	15K OHM 5PC 1/2W	LOAD -12V
AA	0192.000.0	CB001 010	R					0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	CB001 011	C					0804159		330 PF 10PC 100V MICA	SPEED UP
	003.0	CB002 009	R		2		1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	004.0	CB023 023	Q	B	1	1	1	0223297		2N1305	INV
	005.0			C			1				
	006.0	CB002 014	R		2		1	0223403	01	6.8K OHM 5PC 1/2W	LOAD -12V
AA	0193.000.0	CB002 006	R		2		1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0	CB001 007	C					0804159		330 PF 10PC 100V MICA	SPEED UP
	002.0						1				
	003.0	CB001 008	R					0223328		33K OHM 5PC 1/2W	BIAS +6V
	004.0	CB011 023	Q	B		1		0223297		2N1305	INV
	005.0			C			1				
	006.0	CB001 003	R				1	0223253	01	2.2K OHM 5PC 1/2W	LOAD -12V
AA	0194.000.0	FB006 005	D	A	2		1	0223292	I1	1N662	GATE
	001.0	EB174 003				3	1	FH0000000		FEED THROUGH HOLE	F P6-J, TFD1
	002.0	FB060 003				3	1	FH0000000		FEED THROUGH HOLE	
	003.0	FB007 005	D	A			1	0223292	I2	1N662	GATE
	004.0	FB008 006	R		2			0223257	01	10K OHM 5PC 1/2W	LOAD -12V
	005.0						1				
AA	0195.000.0	FB180 003				3	1	FH0000000		FEED THROUGH HOLE	
	001.0	EB054 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	EB063 003				3	1	FH0000000		FEED THROUGH HOLE	
	003.0	FB171 003				3	1	FH0000000		FEED THROUGH HOLE	
	004.0	FB020 007	D	A	2		1	0223292	I1	1N662	GATE
	005.0	FB017 002	D	A			1	0223292	I2	1N662	GATE
	006.0	FB018 003	R		2			0223393	01	12K OHM 5PC 1/2W	LOAD -12V
AA	0196.000.0	FB018 006	R		2			0223403	I1	6.8K OHM 5PC 1/2W	INPUT
	001.0	FB018 005	R		2		1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	002.0	FB016 005	Q	B	1			0223297		2N1305	INV
	003.0	FB015 003	R					0223353	01	8.2K OHM 5PC 1/2W	LOAD -12V
	004.0	FB138 003				3	1	FH0000000		FEED THROUGH HOLE	

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
AA	0196.005.0	EB096 003				3	1	FH0000000		FEED THROUGH HOLE	
	006.0	EB113 128				3	1	FH0000000		FEED THROUGH HOLE	T P7-2, CDZ3
	007.0	FB160 007	S		1	1	1	0803214		TEST POINT	CDZ3
	008.0						1				
AA	0197.000.0	FB016 004	R		2		1	0223257	I1	10K OHM 5PC 1/2W	INPUT
	001.0						1				
	002.0	FB018 004	R		2		1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	003.0	FB015 005	Q	B			1	0223297		2N1305	INV
	004.0			C			1				
	005.0	FB015 002	R				1	0223353	O1	8.2K OHM 5PC 1/2W	LOAD -12V
	006.0	FB132 003				3	1	FH0000000		FEED THROUGH HOLE	
	007.0	EB102 003				3	1	FH0000000		FEED THROUGH HOLE	
	008.0	EB121 128				3	1	FH0000000		FEED THROUGH HOLE	T P6-21, CDZ4
AA	0198.000.0	HB003 036	D	A				0223292	I1	1N662	GATE
	001.0			C			1				
	002.0	HB005 029	D	A				0223292	I2	1N662	GATE
	003.0			C			1				
	004.0	HB006 028	R		2		1	0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
	005.0						1				
AA	0199.000.0	HB006 032	R		2		1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0	HB006 031	C		2		1	0804154		68 PF 10PC 100V MICA	SPEED UP
	002.0	HB005 030	R					0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0	HB005 034	D	A			1	0223292		1N662	CLAMP
	004.0	HB005 034	Q	B			1	0804111		2N2635	INV
	005.0			C			1				
	006.0	HB005 033	R				1	0223326		15K OHM 5PC 1/2W	DIVIDER
	007.0	HB006 035	R		2		1	0223388	O1	3.3K OHM 5PC 1/2W	LOAD -12V
	008.0						1				
AB	0200.000.0	HB005 024	D	A			1	0223292	I1	1N662	INPUT
	001.0	HB007 024	R					0223257		10K OHM 5PC 1/2W	LOAD -12V
	002.0	HB005 026	R					0223403		6.8K OHM 5PC 1/2W	COUPLING
	003.0						1				
	004.0	HB006 025	C		2		1	0804159		330 PF 10PC 100V MICA	SPEED UP
	005.0	HB006 027	R		2		1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	006.0	HB006 034	Q	B	3		1	0223297		2N1305	INV
	007.0	HB006 036	R		2			0223257	O1	10K OHM 5PC 1/2W	
AA	0201.000.0	HB014 019	R		2			0223257	I1	10K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	HB014 018	C		2			0804158		220 PF 10PC 100V MICA	SPEED UP
	003.0						1				
	004.0	HB013 021	R				1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	005.0						1				
	006.0	HB012 020	Q	B	3			0223297		2N1305	INV
	007.0			C			1				
	008.0	HB012 025	R		2		1	0223403	O1	6.8K OHM 5PC 1/2W	LOAD -12V
AC	0202.000.0	HB129 003				3	1	FH0000000		FEED THROUGH HOLE	
	001.0	GB105 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	GB012 001	D	A	2		1	0223292	I1	1N662	GATE
	002.1			C			1				
	003.0	HB168 003				3	1	FH0000000		FEED THROUGH HOLE	
	004.0	GB066 003				3	1	FH0000000		FEED THROUGH HOLE	
	005.0	GB009 007	D	A			1	0223292	I2	1N662	GATE
	006.0			C			1				
	006.5	HB158 123				3	1	FH0000000		FEED THROUGH HOLE	*Y+025*
	007.0	HB132 003				3	1	FH0000000		FEED THROUGH HOLE	
	008.0	GB102 003				3	1	FH0000000		FEED THROUGH HOLE	
	009.0	GB012 002	D	A	2		1	0223292	I3	1N662	GATE
	010.0			C			1				
	011.0	GB012 003	D	A	2		1	0223292	I4	1N662	GATE
	012.0			C			1				
	013.0	GB012 004	R		2			0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
	014.0						1				
AC	0203.000.0	GB013 001	R					0223403	I1	6.8K OHM 5PC 1/2W	COUPLING

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	001.0	GB013 002	C					0804156		100 PF 10PC 100V MICA	SPEED UP
	002.0						1				
	003.0	GB011 005	R					0804044		22K OHM 5PC 1/2W	BIAS +6V
	004.0	GB015 009	D		A		1	0223292		1N662	CLAMP
	005.0	GB015 009	Q		B		1	0804111		2N2635	INV
	006.0				C		1				
	007.0	GB012 006	R			2		0223401	01	4.7K OHM 5PC 1/2W	LOAD -12V
	008.0						1				
AA	0204,000.0	GB014 005	R			2	1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	GB013 004	C				1	0804156		100 PF 10PC 100V MICA	SPEED UP
	003.0						1				
	004.0	GB014 003	R			2	1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	005.0						1				
	006.0	GB013 006	D		A		1	0223292		1N662	CLAMP
	007.0	GB013 009	Q		B		1	0804111		2N2635	INV
	008.0				C		1				
	009.0	GB012 007	R			2	1	0223257	01	10K OHM 5PC 1/2W	T P5-D. TB154
	010.0						1				
AA	0205,000.0	GB135 003					3 1	FH0000000		FEED THROUGH HOLE	
	001.0	MB099 003					3 1	FH0000000		FEED THROUGH HOLE	
	002.0	MB063 003					3 1	FH0000000		FEED THROUGH HOLE	
	003.0	GB171 003					3 1	FH0000000		FEED THROUGH HOLE	
	004.0	GB022 008	D		A	2		0223292	I1	1N662	GATE
	005.0	GB021 008	D		C				01		
	006.0	GB020 008	R			2		0223326	I2	15K OHM 5PC 1/2W	LOAD -12V
	007.0						1				
AA	0206,000.0	MB054 003					3 1	FH0000000		FEED THROUGH HOLE	
	001.0	GB180 003					3 1	FH0000000		FEED THROUGH HOLE	
	002.0	GB022 005	D		A	2		0223292	I1	1N662	GATE
	003.0	GB021 005	D		C				01		
	004.0	GB020 005	R			2	1	0223326	I2	15K OHM 5PC 1/2W	F P4-P. XD57
	005.0						1				
AA	0207,000.0	MB057 003					3 1	FH0000000		FEED THROUGH HOLE	
	001.0	GB177 003					3 1	FH0000000		FEED THROUGH HOLE	
	002.0	GB022 006	D		A	2		0223292	I1	1N662	GATE
	003.0	GB021 006	D		C		1		01		F P4-J. XD77
	004.0	GB020 006	R			2		0223326	I2	15K OHM 5PC 1/2W	LOAD -12V
	005.0						1				
AA	0208,000.0	MB045 003					3 1	FH0000000		FEED THROUGH HOLE	
	001.0	GB189 003					3 1	FH0000000		FEED THROUGH HOLE	
	002.0	GB022 002	D		A	2		0223292	I1	1N662	GATE
	003.0	GB021 002	D		C		1		01		
	004.0	GB177 127					3 1	FH0000000		FEED THROUGH HOLE	F P4-B. XD67
	005.0	GB020 002	R			2		0223326	I2	15K OHM 5PC 1/2W	LOAD -12V
	006.0						1				
AA	0209,000.0	MB048 003					3 1	FH0000000		FEED THROUGH HOLE	
	001.0	GB186 003					3 1	FH0000000		FEED THROUGH HOLE	
	002.0	GB022 001	D		A	2		0223292	I1	1N662	GATE
	003.0	GB021 001	D		C		1		01		F P4-H. XD87
	004.0	GB020 001	R			2		0223326	I2	15K OHM 5PC 1/2W	LOAD -12V
	005.0						1				
AA	0210,000.0	MB051 003					3 1	FH0000000		FEED THROUGH HOLE	
	001.0	GB183 003					3 1	FH0000000		FEED THROUGH HOLE	
	002.0	GB022 004	D		A	2		0223292	I1	1N662	GATE
	003.0	GB021 004	D		C				01		
	004.0	GB020 004	R			2		0223326	I2	15K OHM 5PC 1/2W	LOAD -12V
	005.0						1				
AA	0211,000.0	MB060 003					3 1	FH0000000		FEED THROUGH HOLE	

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	001.0	GB174 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	GB022 007	D	A	2			0223292	I1	1N662	GATE
	003.0	GB021 007	D	C					O1		
	004.0	GB020 007	R		2		1	0223326	I2	15K OHM 5PC 1/2W	F P4-N. XD47
	005.0						1				
AB	0212.000.0	HB042 003				3	1	FH0000000		FEED THROUGH HOLE	
	001.0	GB192 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	GB022 003	D	A	2			0223292	I1	1N662	GATE
	003.0	GB021 003	D	C					O1		
	004.0	GB020 003	R		2			0223326	I2	15K OHM 5PC 1/2W	LOAD -12V
	005.0						1				
AA	0213.000.0	GB017 008	D	A				0223292	O1	1N662	GATE
	001.0	GB018 008	D	C			1		I1		F P4-U. XD17
	002.0	GB017 005	D	A				0223292		1N662	GATE
	003.0	GB018 005	D	C					I2		
	004.0	GB017 006	D	A				0223292		1N662	GATE
	005.0	GB018 006	D	C					I3		
	006.0	GB017 002	D	A				0223292		1N662	GATE
	007.0	GB018 002	D	C					I4		
	008.0	GB017 001	D	A				0223292		1N662	GATE
	009.0	GB018 001	D	C					I5		
	010.0	GB017 004	D	A				0223292		1N662	GATE
	011.0	GB018 004	D	C			1		I6		F P4-V. XD27
	012.0	GB017 007	D	A				0223292		1N662	GATE
	013.0	GB018 007	D	C					I7		
	014.0	GB017 003	D	A				0223292		1N662	GATE
	015.0	GB018 003	D	C			1		I8		F P4-W. XD97
AA	0214.000.0	GB016 008	R		2			0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0	GB015 007	R				1	0223358		27K OHM 5PC 1/2W	BIAS +6V
	002.0	GB018 009	Q	B	1			0223297		2N1305	INV
	003.0			C			1				
	004.0	GB017 009	R					0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
AA	0215.000.0	GB211 073	D	A		1	1	0223292	I1	1N662	GATE
	001.0	GB025 019	D	A			1	0223292	I2	1N662	GATE
	002.0	GB138 126				3	1	FH0000000		FEED THROUGH HOLE	
	003.0	GB209 118				3	1	FH0000000		FEED THROUGH HOLE	
	004.0	GB211 067	D	A		1	1	0223292	I3	1N662	GATE
	005.0	GB223 064	R		2	1		0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
AC	0216.000.1	GB223 058	R		2	1		0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.1	GB211 061	C			1		0804158		220 PF 10PC 100V MICA	SPEED UP
	002.1	GB223 055	R		2	1	1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0	GB026 011	Q	B	1		1	0223297		2N1305	INV
	004.0			C			1				
	005.0	GB026 011	R		2		1	0223353	O1	8.2K OHM 5PC 1/2W	LOAD -12V

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
AC	0219.000.0	FB021 025	D	A				0223292	I1	1N662	GATE
	001.0			C			1				
	002.0	FB021 024	D	A			1	0223292	I2	1N662	GATE
	003.0			C			1				
	004.0	FB022 020	R		2			0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
	005.0	FB200 015	S		3	1	1	0803214		TEST POINT	CCZ6
	006.0						1				
AC	0220.000.0	FB022 022	R		2			0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0	FB022 021	C		2			0804158		220 PF 10PC 100V MICA	SPEED UP
	002.0						1				
	003.0	FB022 023	R		2			0804044		22K OHM 5PC 1/2W	BIAS +6V
	004.0	FB021 018	Q	B			1	0223297		2N1305	INV
	005.0			C			1				
	006.0	FB022 019	R		2			0223353	O1	8.2K OHM 5PC 1/2W	LOAD -12V
	007.0	FB174 033				3	1	FH0000000		FEED THROUGH HOLE	*X+025 Y+025*
	008.0	FB072 003				3	1	FH0000000		FEED THROUGH HOLE	
	009.0	EB162 003				3	1	FH0000000		FEED THROUGH HOLE	
	010.0	EB167 128				3	1	FH0000000		FEED THROUGH HOLE	T P6-12, CCZ3
AB	0221.000.0	HB066 003				3	1	FH0000000		FEED THROUGH HOLE	
	001.0	GB168 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	GB022 016	D	A	2		1	0223292	I1	1N662	GATE
	004.0	GB026 022	D	A	2		1	0223292	I2	1N662	GATE
	005.0	GB181 127				3	1	FH0000000		FEED THROUGH HOLE	F P4-7, CCZ3
	006.0	GB022 017	D	A	2		1	0223292	I3	1N662	GATE
	007.0	GB022 020	R		2			0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
AA	0222.000.0	GB022 018	R		2		1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	GB177 069	C			1	1	0804158		220 PF 10PC 100V MICA	SPEED UP
	003.0						1				
	004.0	GB023 023	R					0804044		22K OHM 5PC 1/2W	BIAS +6V
	005.0	GB025 023	D	A			1	0223292		1N662	CLAMP
	006.0	GB025 011	Q	B			1	0804111		2N2635	INV
	007.0			C			1				
	008.0	GB026 010	R		2			0223353	O1	8.2K OHM 5PC 1/2W	LOAD -12V
	009.0	GB203 122				3	1	FH0000000		FEED THROUGH HOLE	T P4-4, CIC4
AA	0223.000.0	EB142 127				3	1	FH0000000		FEED THROUGH HOLE	F P6-19, CIC4
	001.0	EB126 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	FB108 003				3	1	FH0000000		FEED THROUGH HOLE	
	003.0	FB183 003				3	1	FH0000000		FEED THROUGH HOLE	
	004.0	EB051 003				3	1	FH0000000		FEED THROUGH HOLE	
	005.0	FB022 027	D	A	2		1	0223292	I1	1N662	INPUT
	006.0			C			1				
	007.0	FB021 031	R					0223393		12K OHM 5PC 1/2W	LOAD -12V
	008.0	FB022 028	C		2			0804156		100 PF 10PC 100V MICA	SPEED UP
	009.0						1				
	010.0	FB021 029	R				1	0804043		5.6K OHM 5PC 1/2W	COUPLING
	011.0	FB022 030	R		2			0804044		22K OHM 5PC 1/2W	BIAS +6V
	012.0	FB022 034	D	A	2			0223292		1N662	CLAMP
	013.0	FB022 033	Q	B	1			0804111		2N2635	INV
	014.0	FB022 032	R		2			0223388		3.3K OHM 5PC 1/2W	LOAD -12V
	015.0	FB022 033	R		2			0223403		6.8K OHM 5PC 1/2W	DIVIDER
	016.0	FB021 033	Q	B				0804008		2N1304	EF
	017.0			E			1				
	018.0	FB021 026	R				1	0223408	O1	820 OHM 5PC 1/2W	LOAD -12V
	019.0						1				
	020.0	FB164 015	S			3	1	0803214		TEST POINT	CIC9
	021.0						1				
AA	0224.000.0	GB211 107	D	A		1	1	0223292	I1	1N662	GATE
	001.0	GB211 110	D	A		1	1	0223292	I2	1N662	GATE

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	002.0	GB211 113	D	A		1	1	0223292	I3	1N662	GATE
	003.0	GB223 116	R		2	1		0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
AD	0229.000.0	GB211 098	R			1		0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	GB211 101	C			1		0804159		330 PF 10PC 100V MICA	SPEED UP
	003.0						1				
	004.0	GB211 104	R			1	1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	005.0	GB026 026	Q	B	1		1	0223297		2N1305	INV
	006.1	GB026 026	Q	C					O1		
AA	0226.000.0	GB141 003					3	1 FH0000000		FEED THROUGH HOLE	
	001.0	MB093 003					3	1 FH0000000		FEED THROUGH HOLE	
	002.0	GB002 004	D	A	2			0223292	I1	1N662	GATE
	003.0	GB001 006	D	A			1	0223292	I2	1N662	GATE
	004.0			C			1				
	005.0	GB147 003					3	1 FH0000000		FEED THROUGH HOLE	
	006.0	MB087 003					3	1 FH0000000		FEED THROUGH HOLE	
	007.0	GB051 003					3	1 FH0000000		FEED THROUGH HOLE	
	008.0	MB183 003					3	1 FH0000000		FEED THROUGH HOLE	
	009.0	GB048 124					3	1 FH0000000		FEED THROUGH HOLE	T P5-19, TC24
	010.0	MB201 003					3	1 FH0000000		FEED THROUGH HOLE	
	011.0	GB033 003					3	1 FH0000000		FEED THROUGH HOLE	
	012.0	GB002 003	D	A	2			0223292	I3	1N662	GATE
	013.0	MB204 003					3	1 FH0000000		FEED THROUGH HOLE	
	014.0	GB030 003					3	1 FH0000000		FEED THROUGH HOLE	
	015.0	GB002 005	D	A	2			0223292	I4	1N662	GATE
	016.0	GB003 007	R					0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
	017.0						1				
AA	0227.000.0	GB002 007	R		2		1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	GB001 008	C				1	0804158		220 PF 10PC 100V MICA	SPEED UP
	003.0						1				
	004.0	GB001 009	R				1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	005.0	GB001 009	Q	B			1	0223297		2N1305	INV
	006.0			C			1				
	007.0	GB001 010	R				1	0223403	O1	6.8K OHM 5PC 1/2W	LOAD -12V
	008.0						1				
AA	0228.000.0	GB177 122	D	A		1	1	0223292	I1	1N662	GATE
	001.0			C			1				
	002.0	GB206 119	D	A	2	1		0223292	I2	1N662	GATE
	003.0			C			1				
	004.0	GB189 116	R		2	1	1	0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
AA	0229.000.0	GB002 016	D	A	2			0223292	I1	1N662	GATE
	001.0	GB002 015	D	A	2		1	0223292	I2	1N662	GATE
	002.0	GB002 017	D	A	2			0223292	I3	1N662	F P5-20, ECFS1
	003.0	GB001 018	R					0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
	004.0						1				
AA	0230.000.0	GB001 013	R					0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0	GB001 014	C					0804158		220 PF 10PC 100V MICA	SPEED UP
	002.0	GB001 012	R					0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0	GB002 009	Q	B	3			0223297		2N1305	INV
	004.0	GB001 011	R					0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
	005.0						1				
AB	0231.000.0	MB084 003					3	1 FH0000000		FEED THROUGH HOLE	
	001.0	GB150 003					3	1 FH0000000		FEED THROUGH HOLE	
	002.0	GB019 028	D	A			1	0223292	I1	1N662	GATE
	002.1			C			1				
	003.0	GB018 029	D	A	2		1	0223292	I2	1N662	GATE
	004.0	GB138 077					3	1 FH0000000		FEED THROUGH HOLE	
	005.0	GB017 030	D	A			1	0223292	I3	1N662	T P4-X, TFG2
	006.0			C			1				

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
AB	0231.007.0	GB017 031	D	A				0223292	I4	1N662	GATE
	008.0			C			1				
	009.0	GB043 072				3	1	FH0000000		FEED THROUGH HOLE	
	010.0	GB142 070				3	1	FH0000000		FEED THROUGH HOLE	*Y+025*
	011.0	GB017 032	D	A			1	0223292	I5	1N662	GATE
	012.0			C			1				
	013.0	GB019 029	R					0223326	O1	15K OHM 5PC 1/2W	LOAD -12V
	014.0						1				
AC	0232.000.0	GB020 027	R		2		1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0	GB019 026	C					0804158		220 PF 10PC 100V MICA	SPEED UP
	002.0						1				
	002.5	GB175 094				3	1	FH0000000		FEED THROUGH HOLE	
	003.0	GB020 025	R		2		1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.1	GB160 077	Q	B		1		0223297		2N1305	INV
	003.2			C			1				
	006.0	GB019 024	R				1	0223353	O1	8.2K OHM 5PC 1/2W	LOAD -12V
	007.0						1				
AB	0233.000.0	MB027 091				3	1	FH0000000		FEED THROUGH HOLE	
	001.0	MB027 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	GB207 003				3	1	FH0000000		FEED THROUGH HOLE	
	003.0	GB206 107	D	A	2	1	1	0223292	I1	1N662	GATE
	004.0			C			1				
	005.0	GB194 113	D	A		1	1	0223292	I2	1N662	GATE
	006.0			C			1				
	007.0	GB194 110	D	A		1	1	0223292	I3	1N662	GATE
	008.0			C			1				
	009.0	GB194 116	R			1		0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
AE	0234.000.0	GB194 098	R			1	1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.1	GB194 101	C			1	1	0804159		330 PF 10PC 100V MICA	SPEED UP
	002.2						1				
	003.0	GB206 104	R		2	1	1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	004.0	GB024 026	Q	B	1		1	0223297		2N1305	INV
	005.0	GB024 026	Q	C					O1		
AA	0235.000.0	GB177 098	R			1	1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	GB177 101	C			1	1	0804159		330 PF 10PC 100V MICA	SPEED UP
	003.0						1				
	004.0	GB189 104	R		2	1		0804044		22K OHM 5PC 1/2W	BIAS +6V
	005.0	GB022 026	Q	B	1		1	0223297		2N1305	INV
	006.0			C			1				
	007.0	GB022 026	R		2		1	0223253	O1	2.2K OHM 5PC 1/2W	T P4-F.YBL5
	008.0						1				
AA	0236.000.0	GB144 113	D	A		1		0223292	I1	1N662	GATE
	001.0			C			1				
	002.0	GB144 110	D	A		1	1	0223292	I2	1N662	GATE
	003.0			C			1				
	004.0	GB055 120				3	1	FH0000000		FEED THROUGH HOLE	
	005.0	GB057 124				3	1	FH0000000		FEED THROUGH HOLE	T P5-16, TFF1
	006.0	GB144 119	D	A		1	1	0223292	I3	1N662	GATE
	007.0			C			1				
	008.0	GB156 116	R		2	1	1	0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
AC	0237.001.5	GB160 110	R			1		0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.6						1				
	002.0	GB172 107	R		2	1	1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0						1				
	004.0	GB020 029	Q	B	1		1	0223297		2N1305	INV
	005.0			C			1				
	006.0	GB160 116	R			1		0223401	O1	4.7K OHM 5PC 1/2W	LOAD -12V
	007.0						1				
AA	0238.000.0	GB172 119	R		2	1	1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	001.0						1				
	002.0	GB160 122	C			1	1	0804156		220 PF 10PC 100V MICA	SPEED UP
	003.0						1				T P4-L. TR13
	004.0	GB160 125	R			1	1	0223328		33K OHM 5PC 1/2W	F P4-R. +6V
	005.0	GB019 029	Q	B			1	0223297		2N1305	INV
	006.0			C			1				
	007.0	GB160 113	R			1	1	0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
	008.0						1				
AA	0239,000.0	GB015 020	D	A			1	0223292	I1	1N662	GATE
	001.0	GB076 072				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	GB013 020	D	A				0223292	I2	1N662	GATE
	003.0	GB017 018	R					0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
AB	0240,000.0	GB017 020	R					0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	GB144 069	C			1		0804159		330 PF 10PC 100V MICA	SPEED UP
	003.0						1				
	004.0	GB018 024	R		2		1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	005.0						1				
	006.0	GB018 020	Q	B	1		1	0223297		2N1305	INV
	007.0			C			1				
	008.0	GB018 025	R		2		1	0223401	O1	4.7K OHM 5PC 1/2W	T P4-T. TR03
AB	0241,000.0	GB018 027	R		2		1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	GB017 026	C				1	0804159		330 PF 10PC 100V MICA	SPEED UP
	003.0						1				
	004.0	GB017 028	R				1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	005.0	GB017 020	Q	B				0223297		2N1305	INV
	006.0			C			1				
	007.1	GB140 079	R		2	1		0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
AA	0242,000.0	HB013 016	D	A				0223292	I1	1N662	GATE
	001.0	HB013 013	D	A				0223292	I2	1N662	GATE
	002.0	HB013 011	D	A				0223292	I3	1N662	GATE
	003.0	HB013 014	D	A			1	0223292	I4	1N662	GATE
	004.0	HB014 009	R		2			0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
AB	0243,000.0	HB014 008	R		2			0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	GB117 003				3	1	FH0000000		FEED THROUGH HOLE	
	003.0	HB117 003				3	1	FH0000000		FEED THROUGH HOLE	
	004.0	HB013 003	R				1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	005.0						1				
	006.0	HB013 003	Q	B			1	0223297		2N1305	INV
	007.0			C			1				
	008.0	HB013 006	R				1	0223403	O1	6.8K OHM 5PC 1/2W	LOAD -12V
	009.0	HB108 003				3	1	FH0000000		FEED THROUGH HOLE	
	010.0	GB126 003				3	1	FH0000000		FEED THROUGH HOLE	T P4-Z. TC13
AC	0244,000.0	HB010 008	D	A	2			0223292	I1	1N662	INPUT
	001.0			C			1				
	002.0	HB009 009	R				1	0223403		6.8K OHM 5PC 1/2W	LOAD -12V
	003.0						1				
	004.0	HB106 022				3	1	FH0000000		FEED THROUGH HOLE	
	005.0	HB013 002	R				1	0223403		6.8K OHM 5PC 1/2W	COUPLING
	006.0	HB014 001	C		2			0804159		330 PF 10PC 100V MICA	SPEED UP
	007.0						1				
	008.0	HB009 001	R				1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	009.0	HB014 003	Q	B	1			0223297		2N1305	INV
	010.0	HB012 003	R		2		1	0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
	010.1	HB105 003				3	1	FH0000000		FEED THROUGH HOLE	
	011.0	GB129 003				3	1	FH0000000		FEED THROUGH HOLE	T P4-Y. TC14
AA	0245,000.0	HB011 014	D	A			1	0223292	I1	1N662	GATE
	001.0			C			1				

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	002.0	MB013 017	D	A				0223292	I2	1N662	GATE
	003.0	MB013 012	D	A				0223292	I3	1N662	GATE
	004.0	MB013 015	D	A			1	0223292	I4	1N662	GATE
	005.0	MB012 009	R		2		1	0223326	O1	15K OHM 5PC 1/2W	LOAD -12V
AA	0246.000.0	MB012 008	R		2		1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	MB010 002	R		2		1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0						1				
	004.0	MB011 003	Q	B			1	0223297		2N1305	INV
	005.0			C			1				
	006.0	MB012 006	R		2			0223401	O1	4.7K OHM 5PC 1/2W	LOAD -12V
AA	0247.000.0	GB019 016	D	A			1	0223292	I1	1N662	INPUT
	001.0			C			1				
	002.0	GB020 017	R		2		1	0223393		12K OHM 5PC 1/2W	LOAD -12V
	003.0	GB172 069	R		2	1	1	0223403		6.8K OHM 5PC 1/2W	COUPLING
	004.0	GB019 020	R					0804044		22K OHM 5PC 1/2W	BIAS +6V
	005.0	GB020 020	Q	B	1			0223297		2N1305	INV
	006.0	GB019 018	R				1	0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
AA	0248.000.0	MB011 012	D	A				0223292	I1	1N662	GATE
	001.0			C			1				
	002.0	MB011 011	D	A				0223292	I2	1N662	GATE
	003.0			C			1				
	004.0	MB011 013	D	A				0223292	I3	1N662	GATE
	005.0			C			1				
	006.0	MB013 007	R					0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
AA	0249.000.0	MB012 007	R		2		1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	MB007 003	R				1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0	MB010 003	Q	B	1		1	0223297		2N1305	INV
	004.0	MB009 003	R					0223353	O1	8.2K OHM 5PC 1/2W	LOAD -12V
	005.0						1				
	006.0	MB018 003				3	1	FH0000000		FEED THROUGH HOLE	
	007.0	GB216 003				3	1	FH0000000		FEED THROUGH HOLE	
AA	0250.000.0	MB078 008				3	1	FH0000000		FEED THROUGH HOLE	
	001.0	MB009 014	D	A			1	0223292	I1	1N662	GATE
	002.0			C			1				
	003.0	MB009 012	D	A			1	0223292	I2	1N662	GATE
	004.0			C			1				
	005.0	MB009 015	D	A				0223292	I3	1N662	GATE
	006.0			C			1				
	007.0	MB009 013	D	A			1	0223292	I4	1N662	GATE
	008.0			C			1				
	009.0	MB010 011	R		2		1	0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
AA	0251.000.0	MB010 007	R		2		1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0	MB007 004	R				1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	002.0	MB009 003	Q	B				0223297		2N1305	INV
	003.0			C			1				
	004.0	MB009 006	R				1	0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
	005.0						1				
	006.0	MB072 003				3	1	FH0000000		FEED THROUGH HOLE	
	007.0	GB162 003				3	1	FH0000000		FEED THROUGH HOLE	T P4-5, TC03
AA	0252.000.0	MB114 003				3	1	FH0000000		FEED THROUGH HOLE	
	001.0	GB120 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	GB015 018	D	A			1	0223292	I1	1N662	GATE
	003.0			C			1				
	004.0	GB128 069	D	A		1	1	0223292	I2	1N662	GATE
	005.0			C			1				
	006.0	GB017 017	R				1	0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
AA	0253.000.0	MB025 004	D	A			1	0223292	I1	1N662	GATE

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
AA	0253.001.0	HB024 003	D	A	2		1	0223292	I2	1N662	GATE
	002.0	HB026 002	R		2			0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
	003.0						1				
AA	0254.000.0	HB018 005	D	A	2		1	0223292	I1	1N662	GATE
	001.0	HB016 003	D	A	2		1	0223292	I2	1N662	GATE
	002.0	HB016 005	R		2			0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
AB	0255.000.0	GB057 003				3	1	FH0000000		FEED THROUGH HOLE	
	001.0	HB177 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	HB102 003				3	1	FH0000000		FEED THROUGH HOLE	
	003.1	GB132 003				3	1	FH0000000		FEED THROUGH HOLE	
	004.0	GB016 013	D	A	2		1	0223292	I1	1N662	GATE
	005.0			C			1				
	006.0	GB016 016	D	A	2		1	0223292	I2	1N662	GATE
	007.0			C			1				
	008.0	GB015 015	R				1	0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
AC	0256.000.0	HB018 004	D	A	2		1	0223292	I5	1N662	GATE
	001.0	HB016 002	R		2			0223393		12K OHM 5PC 1/2W	LOAD -12V
	002.0	HB018 003	D	A	2			0223292		1N662	
	003.0	GB018 016	D	A	2			0223292		1N662	GATE
	004.0	GB017 016	D	C		1			I1		
	005.0	HB025 003	D	A				0223292		1N662	GATE
	006.0	HB026 003	D	C					I2		
	007.0	HB016 004	D	A	2		1	0223292		1N662	GATE
	008.0	HB015 004	D	C					I3		
	008.2	HB144 003				3	1	FH0000000		FEED THROUGH HOLE	
	008.4	GB090 003				3	1	FH0000000		FEED THROUGH HOLE	
	008.6	HB096 003				3	1	FH0000000		FEED THROUGH HOLE	
	008.8	GB138 003				3	1	FH0000000		FEED THROUGH HOLE	
	013.0	GB016 014	D	A	2			0223292		1N662	GATE
	014.0	GB015 014	D	C			1		I4		
	015.0	GB174 056				3	1	FH0000000		FEED THROUGH HOLE	*X+025*
	016.0	GB018 014	D	A	2			0223292	I6	1N662	GATE
	017.0	GB018 015	R		2			0223393		12K OHM 5PC 1/2W	LOAD -12V
	018.0	GB017 013	D	A			1	0223292	O1	1N662	
AB	0257.000.0	GB018 011	R		2		1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	GB017 012	C				1	0804158		220 PF 10PC 100V MICA	SPEED UP
	003.0						1				
	004.0	GB015 012	R				1	0223358		27K OHM 5PC 1/2W	BIAS +6V
	005.0	GB016 009	Q	B	1			0223297		2N1305	INV
	006.0			C			1				
	007.0	GB016 011	R		2		1	0223403	O1	6.8K OHM 5PC 1/2W	LOAD -12V
	008.0						1				
AA	0258.000.0	GB016 010	R		2		1	0804044	I1	22K OHM 5PC 1/2W	COUPLING
	001.0	GB017 010	R				1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	002.0	GB017 009	Q	B			1	0223297		2N1305	INV
	003.0			C			1				
	004.0	GB016 017	R		2		1	0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
	005.0						1				
	006.0	GB135 127				3	1	FH0000000		FEED THROUGH HOLE	T P4-20, YCPR3
AB	0259.000.0	HB005 002	D	A			1	0223292	I1	1N662	GATE
	001.0			C			1				
	002.0	HB005 003	D	A				0223292	I2	1N662	GATE
	003.0			C			1				
	004.0	HB005 004	D	A				0223292	I3	1N662	GATE
	005.0			C			1				
	006.0	HB043 024				3	1	FH0000000		FEED THROUGH HOLE	
	007.0	HB005 001	D	A			1	0223292	I4	1N662	GATE
	008.0			C			1				
	009.0	HB030 003				3	1	FH0000000		FEED THROUGH HOLE	
	010.0	GB204 903				3	1	FH0000000		FEED THROUGH HOLE	

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	011.0	GB024 003	R		2			0223393	01	12K OHM 5PC 1/2W	LOAD -12V
AA	0260.000.0	GB024 002	R		2			0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0	GB023 001	C					0804159		330 PF 10PC 100V MICA	SPEED UP
	002.0	GB024 004	R		2		1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0	GB024 009	Q	B	1		1	0223297		2N1305	INV
	004.0			C			1				
	005.0	GB024 009	R		2		1	0223401	01	4.7K OHM 5PC 1/2W	LOAD -12V
	006.0						1				
AA	0261.000.0	GB023 008	D	A			1	0223292	I1	1N662	INPUT
	001.0	GB024 007	R		2			0223393		12K OHM 5PC 1/2W	LOAD -12V
	002.0	GB025 008	R					0223403		6.8K OHM 5PC 1/2W	COUPLING
	003.0	GB025 007	C					0804159		330 PF 10PC 100V MICA	SPEED UP
	004.0	GB026 006	R		2			0804044		22K OHM 5PC 1/2W	BIAS +6V
	005.0	GB026 009	Q	B	1			0223297		2N1305	INV
	006.0			C			1				
	007.0	GB026 009	R		2		1	0223257	01	10K OHM 5PC 1/2W	T P4-C TC154
AB	0262.000.0	GB025 004	R					0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0	HB024 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	GB210 003				3	1	FH0000000		FEED THROUGH HOLE	
	003.0	HB078 003				3	1	FH0000000		FEED THROUGH HOLE	
	004.0	GB156 003				3	1	FH0000000		FEED THROUGH HOLE	
	005.0	GB167 007				3	1	FH0000000		FEED THROUGH HOLE	
	006.0	GB025 003	R					0804044		22K OHM 5PC 1/2W	BIAS +6V
	007.0	GB025 009	Q	B				0223297		2N1305	INV
	008.0	GB025 009	Q	C			1		01		
	009.0	GB216 118				3	1	FH0000000		FEED THROUGH HOLE	T P4-3, TCX5
AA	0263.000.0	GB006 027	D	A	2			0223292	I1	1N662	GATE
	001.0			C			1				
	002.0	GB006 025	D	A	2			0223292	I2	1N662	GATE
	003.0			C			1				
	004.0	GB006 026	D	A	2			0223292	I3	1N662	GATE
	005.0			C			1				
	006.0	GB005 024	R				1	0223257	01	10K OHM 5PC 1/2W	LOAD -12V
AA	0264.000.0	GB010 035	D	A	2		1	0223292	I1	1N662	F P5-J, CD11
	001.0			C			1				
	002.0	GB010 032	D	A	2		1	0223292	I2	1N662	F P5-K, CD51
	003.0			C			1				
	004.0	GB010 033	D	A	2			0223292	I3	1N662	GATE
	005.0			C			1				
	006.0	GB010 030	D	A	2		1	0223292	I4	1N662	
	007.0			C			1				
	008.0	HB135 003				3	1	FH0000000		FEED THROUGH HOLE	
	009.0	GB099 003				3	1	FH0000000		FEED THROUGH HOLE	
	010.0	GB010 034	D	A	2		1	0223292	I5	1N662	T P5-H, TFG1
	011.0			C			1				
	012.0	GB009 036	R				1	0223257	01	10K OHM 5PC 1/2W	LOAD -12V
AB	0265.000.0	GB014 035	D	A	2			0223292	I1	1N662	GATE
	001.0			C			1				
	002.0	GB014 033	D	A	2			0223292	I2	1N662	GATE
	003.0			C			1				
	004.0	GB014 034	D	A	2		1	0223292	I3	1N662	GATE
	005.0			C			1				
	006.0	GB016 076				3	1	FH0000000		FEED THROUGH HOLE	
	007.0	GB123 127				3	1	FH0000000		FEED THROUGH HOLE	
	008.0	GB014 031	D	A	2		1	0223292	I4	1N662	GATE
	009.0			C			1				
	010.0	GB013 036	R				1	0223257	01	10K OHM 5PC 1/2W	LOAD -12V
AA	0266.000.0	GB004 028	D	A	2			0223292	I1	1N662	GATE
	001.0	GB008 031				2	1	FH0000000		FEED THROUGH HOLE	F P5-S, CD41
	002.0	GB004 029	D	A	2		1	0223292	I2	1N662	GATE

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	003.0	GB004 026	D			A	2	0223292	I3	1N662	GATE
	004.0	GB027 003			3	1		FH0000000		FEED THROUGH HOLE	
	005.0	MB207 003			3	1		FH0000000		FEED THROUGH HOLE	
	006.0	MB192 003			3	1		FH0000000		FEED THROUGH HOLE	
	007.0	GB042 003			3	1		FH0000000		FEED THROUGH HOLE	
	008.0	GB004 025	D			A	2	0223292	I4	1N662	GATE
	009.0	GB003 024	R				1	0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
	010.0						1				
AA 0267.000.0		GB002 034	D			A	2	0223292	I1	1N662	GATE
	001.0	GB023 125			3	1		FH0000000		FEED THROUGH HOLE	F P5-21, CD31
	002.0	GB002 035	D			A	2	0223292	I2	1N662	GATE
	003.0	MB216 003			3	1		FH0000000		FEED THROUGH HOLE	
	004.0	GB018 003			3	1		FH0000000		FEED THROUGH HOLE	
	005.0	GB002 032	D			A	2	0223292	I3	1N662	GATE
	006.0	MB213 003			3	1		FH0000000		FEED THROUGH HOLE	
	007.0	GB021 003			3	1		FH0000000		FEED THROUGH HOLE	
	008.0	GB002 033	D			A	2	0223292	I4	1N662	T P5-X, TFE2
	009.0	GB002 030	D			A	2	0223292	I5	1N662	GATE
	010.0	GB001 036	R				1	0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
	011.0						1				
AA 0268.000.0		GB067 124			3	1		FH0000000		FEED THROUGH HOLE	F P5-13, CD12
	001.0	GB008 034	D			A	2	0223292	I1	1N662	GATE
	002.0					C	1				
	003.0	GB008 035	D			A	2	0223292	I2	1N662	F P5-R, CD32
	004.0					C	1				
	005.0	GB008 032	D			A	2	0223292	I3	1N662	GATE
	006.0					C	1				
	007.0	GB074 122			3	1		FH0000000		FEED THROUGH HOLE	T P5-P, TR14
	008.0	GB008 033	D			A	2	0223292	I4	1N662	GATE
	009.0					C	1				
	010.0	GB007 036	R				1	0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
AB 0269.000.0		GB008 026	D			A	2	0223292	I1	1N662	F P5-N, CD42
	001.0					C	1				
	002.0	GB008 025	D			A	2	0223292	I2	1N662	GATE
	003.0					C	1				
	004.0	GB063 124			3	1		FH0000000		FEED THROUGH HOLE	T P5-14, TR04
	005.0	GB008 027	D			A	2	0223292	I3	1N662	GATE
	006.0					C	1				
	007.0	GB007 024	R				1	0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
AA 0270.000.0		GB010 027	D			A	2	0223292	I1	1N662	GATE
	001.0					C	1				
	002.0	GB010 028	D			A	2	0223292	I2	1N662	GATE
	003.0					C	1				
	004.0	GB010 029	D			A	2	0223292	I3	1N662	GATE
	005.0					C	1				
	006.0	GB010 025	D			A	2	0223292	I4	1N662	T P5-L, TFF2
	007.0					C	1				
	008.0	GB009 024	R				1	0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
AA 0271.000.0		GB004 031	D			A	2	0223292	I1	1N662	GATE
	001.0					C	1				
	002.0	GB004 035	D			A	2	0223292	I2	1N662	GATE
	003.0					C	1				
	004.0	GB004 032	D			A	2	0223292	I3	1N662	GATE
	005.0					C	1				
	006.0	GB004 033	D			A	2	0223292	I4	1N662	GATE
	007.0					C	1				
	008.0	GB003 036	R				1	0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
	009.0						1				
AB 0272.000.1		GB012 023			2	1		FH0000000		FEED THROUGH HOLE	
	001.0	GB002 025	D			A	2	0223292	I1	1N662	GATE
	002.0	GB002 026	D			A	2	0223292	I2	1N662	GATE

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
AB	0272.003.0	GB002 027	D	A	2			0223292	I3	1N662	GATE
	004.0	GB001 024	R					0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
	005.0					1					
AA	0273.000.0	GB012 028	D	A	2		1	0223292	I1	1N662	GATE
	001.0			C		1					
	002.0	GB012 026	D	A	2			0223292	I2	1N662	GATE
	003.0			C		1					
	004.0	GB012 031	D	A	2		1	0223292	I3	1N662	GATE
	005.0			C		1					
	006.0	GB012 025	D	A	2			0223292	I4	1N662	GATE
	007.0			C		1					
	008.0	GB012 027	D	A	2		1	0223292	I5	1N662	GATE
	009.0			C		1					
	010.0	GB011 024	R				1	0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
AA	0274.000.0	GB012 035	D	A	2			0223292	I1	1N662	GATE
	001.0			C		1					
	002.0	GB012 032	D	A	2		1	0223292	I2	1N662	F P5-E. CD21
	003.0			C		1					
	004.0	GB012 034	D	A	2		1	0223292	I3	1N662	GATE
	005.0			C		1					
	006.0	GB011 036	R				1	0804044	O1	22K OHM 5PC 1/2W	T P5-F. YD16
AB	0275.000.0	GB014 029	D	A	2			0223292	I1	1N662	GATE
	001.0			C		1					
	002.0	GB014 025	D	A	2			0223292	I2	1N662	GATE
	003.0			C		1					
	004.0	GB014 028	D	A	2			0223292	I3	1N662	GATE
	005.0			C		1					
	006.0	GB013 024	R				1	0223328	O1	33K OHM 5PC 1/2W	LOAD -12V
	007.0					1					
AB	0276.000.0	GB016 035	D	A	2			0223292	I1	1N662	GATE
	001.0			C		1					
	002.0	GB016 032	D	A	2			0223292	I2	1N662	GATE
	003.0			C		1					
	004.0	GB016 033	D	A	2		1	0223292	I3	1N662	GATE
	005.0			C		1					
	006.0	GB016 029	D	A	2			0223292	I4	1N662	GATE
	007.0			C		1					
	008.0	GB016 034	D	A	2			0223292	I5	1N662	GATE
	009.0			C		1					
	010.0	GB115 068				3	1	FH0000000		FEED THROUGH HOLE	
	011.0	GB142 067				3	1	FH0000000		FEED THROUGH HOLE	*Y+025*
	012.0	GB016 031	D	A	2		1	0223292	I6	1N662	GATE
	013.0			C		1					
	014.0	GB015 036	R				1	0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
AA	0277.000.0	GB060 124				3	1	FH0000000		FEED THROUGH HOLE	F P5-15. CD22
	001.0	GB006 031	D	A	2		1	0223292	I1	1N662	GATE
	002.0			C		1					
	003.0	GB054 124				3	1	FH0000000		FEED THROUGH HOLE	F P5-17. CD52
	004.0	GB006 035	D	A	2		1	0223292	I2	1N662	GATE
	005.0			C		1					
	006.0	HB174 003				3	1	FH0000000		FEED THROUGH HOLE	
	007.0	GB060 003				3	1	FH0000000		FEED THROUGH HOLE	
	008.0	GB006 032	D	A	2		1	0223292	I3	1N662	GATE
	009.0			C		1					
	010.0	GB006 033	D	A	2			0223292	I4	1N662	GATE
	011.0			C		1					
	012.0	GB062 013				3	1	FH0000000		FEED THROUGH HOLE	
	013.0	GB059 089				3	1	FH0000000		FEED THROUGH HOLE	*X+025 Y+025*
	014.0	GB006 034	D	A	2		1	0223292	I5	1N662	T P5-T. TFD1
	015.0			C		1					
	016.0	GB005 036	R				1	0223257	O1	10K OHM 5PC 1/2W	LOAD -12V
AA	0278.000.0	GB016 027	D	A	2			0223292	I1	1N662	GATE

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
AA	0278.001.0			C			1				
	002.0	GB 16 25	D	A	2			223292	I2	1N662	GATE
	003.0			C			1				
	004.0	GB 16 26	D	A	2		1	223292	I3	1N662	GATE
	005.0			C			1				
	006.0	GB 15 24	R				1	223257	O1	10K OHM 5PC 1/2W	LOAD -12V
AB	0279.001.0	GB177 119	D	A		1	1	223292		1N662	GATE
	001.0	GB189 119	D	C		1	1		I1		
	002.0	GB 08 28	D	A	2		1	223292		1N662	GATE
	003.0	GB 07 28	D	C			1		I2		
	004.0	GB 06 28	D	A	2			223292		1N662	GATE
	005.0	GB 05 28	D	C			1		I3		
	006.0	GB 10 31	D	A	2		1	223292		1N662	GATE
	007.0	GB 09 31	D	C			1		I4		
	008.0	GB 14 32	D	A	2			223292		1N662	GATE
	009.0	GB 13 32	D	C			1		I5		
	010.0	GB 04 27	D	A	2		1	223292		1N662	GATE
	011.0	GB 03 27	D	C					I6		
	012.0	GB 02 29	D	A	2			223292		1N662	GATE
	013.0	GB 01 29	D	C					I7		
	014.0	GB 08 30	D	A	2		1	223292		1N662	GATE
	015.0	GB 07 30	D	C			1		I8		
	016.0	GB 10 26	D	A	2		1	223292		1N662	GATE
	017.0	GB 09 26	D	C			1		I9		
	018.0	GB 04 34	D	A	2		1	223292		1N662	GATE
	019.0	GB 03 34	D	C			1		IA		
	020.0	GB 02 28	D	A	2			223292		1N662	GATE
	021.0	GB 01 28	D	C					IB		
	022.0	GB 12 29	D	A	2			223292		1N662	GATE
	023.0	GB 11 29	D	C			1		IC		
	024.0	GB 06 29	D	A	2			223292		1N662	GATE
	025.0	GB 05 29	D	C			1		ID		
	026.0	GB 16 28	D	A	2			223292		1N662	GATE
	027.0	GB 15 28	D	C			1		IE		
	028.0	GB 16 30	D	A	2			223292		1N662	GATE
	029.0	GB 15 30	D	C			1		IF		
	030.0	GB177 110	D	A		1	1	223292	O1	1N662	GATE
	031.0			C			1				
	032.0	GB189 113	R		2	1	1	223257		10K OHM 5PC 1/2W	LOAD -12V
	033.0	GB177 107	D	A		1	1	223292	I6	1N662	F P4-K, PSZ3
	034.0			C			1				
AB	0280.000.0	AB 09 26	D	A			1	223292	I1	1N662	GATE
	001.0	AB 09 27	D	A				223292	I2	1N662	GATE
	002.0	BB168 110				3	1	FH 000000		FEED THROUGH HOLE	F P11-P, TR14
	003.0	BB165 003				3	1	FH 000000		FEED THROUGH HOLE	
	004.0	AB069 003				3	1	FH 000000		FEED THROUGH HOLE	
	005.0	AB 09 28	D	A			1	223292	I3	1N662	GATE
	006.0	AB 11 25	R					223393	O1	12K OHM 5PC 1/2W	LOAD -12V
	007.0						1				
AB	0281.000.0	RB011 052	D	A		1		223292		1N662	
	001.0	RB027 044	R			1		223258		18K OHM 5PC 1/2W	BIAS
	002.0	RB055 054	C		2	1		804097		.47 MFD 10PC 100V MYLAR	COUPLING
	003.0	RB043 048	R			1		804048		68K OHM 5PC 1/2W	BIAS
	004.0	RB051 038	Q	B		1		223297		2N1305	
	005.0	RB055 044	R		2	1		223257	O1	10K OHM 5PC 1/2W	ECFS4
	006.0	RB021 042				3		803712		SOLDER TERMINAL	F P5-20, ECFS1
AA	0282.000.0	RB027 032	D	A		1		223292	I1	1N662	GATE
	001.0	RB055 032	D	A	2	1		223292	I2	1N662	GATE
	003.0	RB039 048	R		2	1		223257	O1	10K OHM 5PC 1/2W	LOAD
AD	0283.000.0	RB043 026	Q	B		1		223297	I1	2N1305	
	001.0	RB011 048	R			1		804049		150 OHM 5PC 1/2W	
	002.0	RB043 020	R			1		223408		820 OHM 5PC 1/2W	
	003.0	RB055 016	D	A	2	1		223292		1N662	CLAMP
	004.0	RB043 012	R			1		223388		3.3K OHM 5PC 1/2W	BIAS

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F R I D E N I N C
EC/132 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
AC	0283.005.0	RB055 026	Q	B	1	1		804009		2N2043A	
	006.0	RB064 056	C		3	1		804212		20 MFD 150V ELECTRO	
	007.0	RB070 016	D	A		3		311446		FRIDEN DIODE	
	008.5	RB070 036	D	C		3			01		A1EC3
	009.0	RB046 005	R			1		791008		18K OHM 10PC 2W	
	010.0	RB074 020				3		803712		SOLDER TERMINAL	T CTR-L
	011.0	RB074 032				3		803712		SOLDER TERMINAL	T CTR-R
	012.0	RB005 021				3		803712		SOLDER TERMINAL	F PWX-12, -12V
	013.0	RB005 033				3		803712		SOLDER TERMINAL	F P5-22, GND
	014.0	RB011 004				3		803712		SOLDER TERMINAL	F PWX-6, +6V
	015.0	RB020 004				3		803712		SOLDER TERMINAL	F PWX-5, -80V
AA	0400.000.0	CB 23 18	D	A				223292	I1	1N662	
	001.0	CB 24 18	D	C					01		
AD	0500.000.5	EB 03 34				2	1	FH 000000		FEED THROUGH HOLE	F P7-15, TC03
	001.0	EB030 003				3	1	FH 000000		FEED THROUGH HOLE	
	002.0	FB204 003				3	1	FH 000000		FEED THROUGH HOLE	
	003.0	FB 24 28	D	A	2	1		223292	I1	1N662	
	004.0	FB 23 28	D	C		1			01		
	005.0	FB201 003				3	1	FH 000000		FEED THROUGH HOLE	
	006.0	EB033 003				3	1	FH 000000		FEED THROUGH HOLE	
	007.0	EB031 119				3	1	FH 000000		FEED THROUGH HOLE	T P7-16, SEAC4
AA	0600.000.0	FB 25 16	D	A		1		223292	I1	1N662	
	001.0	FB 26 16	D	C		1			01		
	002.0	FB222 003				3	1	FH 000000		FEED THROUGH HOLE	

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F R I D E N I N C
EC/132 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
AD	0283.005.0	RB055 026	Q	B	1	1		804009		2N2043A	
	006.0	RB064 056	C		3	1		804212		20 MFD 150V ELECTRO	
	007.0	RB070 016	D	A	1	1		311446		FRIDEN DIODE	
	008.0	RB 70 36	D	C					01		A1EC3
	009.0	RB046 005	R			1		791008		18K OHM 10PC 2W	
	010.0	RB074 020				3		803712		SOLDER TERMINAL	T CTR-L
	011.0	RB074 032				3		803712		SOLDER TERMINAL	T CTR-R
	012.0	RB005 021				3		803712		SOLDER TERMINAL	F PWX-12, -12V
	013.0	RB005 033				3		803712		SOLDER TERMINAL	F P5-22, GND
	014.0	RB011 004				3		803712		SOLDER TERMINAL	F PWX-6, +6V
	015.0	RB020 004				3		803712		SOLDER TERMINAL	F PWX-5, -80V
AA	0400.000.0	CB 23 18	D	A				223292	I1	1N662	
	001.0	CB 24 18	D	C					01		
AD	0500.000.0	EB 03 34				2	1	FH 000000		FEED THROUGH HOLE	F P7-15, TC03
	001.0	EB030 003				3	1	FH 000000		FEED THROUGH HOLE	
	002.0	FB204 003				3	1	FH 000000		FEED THROUGH HOLE	
	003.0	FB 24 28	D	A	2		1	223292	I1	1N662	
	004.0	FB 23 28	D	C			1		01		
	005.0	FB201 003				3	1	FH 000000		FEED THROUGH HOLE	
	006.0	EB033 003				3	1	FH 000000		FEED THROUGH HOLE	
	007.0	EB031 119				3	1	FH 000000		FEED THROUGH HOLE	T P7-16, SEAC4
AA	0600.000.0	FB 25 16	D	A			1	223292	I1	1N662	
	001.0	FB 26 16	D	C			1		01		
	002.0	FB222 003				3	1	FH 000000		FEED THROUGH HOLE	

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	003.0	EB012 003				3	1	FH0000000		FEED THROUGH HOLE	T P7-Y. SEDB4
AB	1010.000.0	BB022 015	Z	A	2			0804129		1N757A 9.1V ZENER DIODE	
	001.0	BB020 017	R		2			0223228		1K OHM 5PC 1/2W	
	002.0	BB021 016	D	A				0223292		1N662	
	003.0	BB022 017	R		2			0223328		33K OHM 5PC 1/2W	BIAS
	004.0	BB024 016	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	005.0	BB023 017	C					0804159		330 PF 10PC 100V MICA	SPEED UP
	006.0						1				
	007.0	BB206 096	Q	B	1	1		0223297		2N1305	
	008.0			C			1				
	009.0	BB025 016	R				1	0804041	O2	1.5K OHM 5PC 1/2W	LOAD -12V
	010.0	BB026 022	D	A	2		1	0223292	R1	1N662	INPUT
	011.0	BB022 018	R		2			0223328		33K OHM 5PC 1/2W	BIAS +6V
	012.0	BB026 020	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	013.0						1				
	014.0	BB025 021	C				1	0804159		330 PF 10PC 100V MICA	SPEED UP
	015.0	BB223 096	Q	B	1	1	1	0223297		2N1305	
	016.0	BB025 017	R				1	0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	017.0	BB026 009	D	A	2		1	0223292	O1	1N662	T P11-19. ESTA1
	018.0			C			1				
AA	1011.000.0	BB025 010	R				1	0223331	I1	47K OHM 5PC 1/2W	
	001.0	BB026 010	R				1		O1		
	002.0	BB025 008	C					0804161	I2	470 PF 10PC 100V MICA	
AB	1020.000.0	BB015 007	D	A				0223292	S1	1N662	INPUT
	001.0			C			1				
	002.0	BB016 006	R		2		1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	003.0	BB015 004	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	004.0						1				
	005.0	BB015 005	C				1	0804159		330 PF 10PC 100V MICA	SPEED UP
	006.0						1				
	007.0	BB140 024	Q	B	1	1		0223297		2N1305	
	008.0	BB015 003	R				1	0804041	O2	1.5K OHM 5PC 1/2W	LOAD -12V
	009.0	BB117 114				3	1	FH0000000		FEED THROUGH HOLE	T P11-B. EAS2
	010.0	BB017 006	R					0223328		33K OHM 5PC 1/2W	BIAS +6V
	011.0	BB018 004	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	012.0	BB017 005	C					0804159		330 PF 10PC 100V MICA	SPEED UP
	013.0						1				
	014.0	BB156 024	Q	B	1	1	1	0223297		2N1305	
	015.0	BB017 003	R				1	0804041	O1	1.5K OHM 5PC 1/2W	LOAD
	016.0	BB016 002	D	A	2		1	0223292	R2	1N662	INPUT
	017.0			C			1				
AA	1021.000.0	BB018 007	R		2		1	0804048	I1	68K OHM 5PC 1/2W	F P11-10. XAS7
	001.0	BB017 007	R						O1		
	002.0	BB015 008	C					0804161	I2	470 PF 10PC 100V MICA	
AE	1030.000.0	BB017 010	D	A				0223292	S1	1N662	GATE
	001.0			C			1				
	002.0	BB020 010	D	A	2		1	0223292	S2	1N662	GATE
	002.1	BB015 015	D	A			1	0223292	S3	1N662	GATE
	003.1	BB019 011	D	A			1	0223292	S4	1N662	GATE
	004.0	BB018 015	R		2		1	0223328		33K OHM 5PC 1/2W	BIAS
	005.0	BB018 013	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	006.0	BB017 014	C					0804159		330 PF 10PC 100V MICA	SPEED UP
	007.0	BB156 068	Q	B	1	1	1	0223297		2N1305	
	008.0	BB018 012	R		2		1	0804041	O2	1.5K OHM 5PC 1/2W	LOAD -12V
	009.0	BB019 015	R					0223328		33K OHM 5PC 1/2W	BIAS
	010.0	BB019 013	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	011.0						1				
	012.0	BB019 014	C					0804159		330 PF 10PC 100V MICA	SPEED UP
	013.0						1				
	014.0	BB172 068	Q	B	1	1	1	0223297		2N1305	
	015.0	BB019 012	R				1	0804041	O1	1.5K OHM 5PC 1/2W	LOAD -12V
	016.0	BB017 011	D	A			1	0223292	R5	1N662	INPUT

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	017.0			C		1					
AA	1031.000.0	BB018 009	R		2		1	0223331	I1	47K OHM 5PC 1/2W	
	001.0	BB017 009	R						O1		
	002.0	BB015 009	C					0804161		470 PF 10PC 100V MICA	
	003.0	BB016 009	C				1		I2		T P11-6, EAS1
AA	1032.000.0	BB019 022				2	1	FH0000000		FEED THROUGH HOLE	F P11-L, XCE7
	001.0	BB019 016	R				1	0804048	I1	68K OHM 5PC 1/2W	
	002.0	BB020 016	R				1		O1		
	003.0	BB019 009	C					0804161	I2	470 PF 10PC 100V MICA	
AA	1033.000.0	BB013 015	R				1	0223331	I1	47K OHM 5PC 1/2W	T P10-20, ESD2
	001.0	BB014 015	R				1		O1		
	002.0	BB013 021	C					0804161	I2	470 PF 10PC 100V MICA	
	003.0						1				F P11-A, AOFL2
AA	1034.000.0	BB017 008	R					0223331	I1	47K OHM 5PC 1/2W	
	001.0	BB018 008	R				1		O1		
	002.0	BB021 008	C				1	0804161	I2	470 PF 10PC 100V MICA	
AB	1040.000.0	BB019 007	D	A				0223292	S1	1N662	INPUT
	001.0			C		1					
	002.0	BB020 006	R		2		1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	003.0	BB020 004	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	004.0	BB019 005	C					0804159		330 PF 10PC 100V MICA	SPEED UP
	005.0	BB172 024	Q	B	1	1	1	0223297		2N1305	
	006.0			C		1					T P11-13, EST02
	007.0	BB020 003	R		2		1	0804041	O2	1.5K OHM 5PC 1/2W	LOAD -12V
	008.0	BB022 006	R		2		1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	009.0	BB021 004	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	010.0						1				
	011.0	BB021 005	C					0804159		330 PF 10PC 100V MICA	SPEED UP
	012.0						1				
	013.0	BB189 024	Q	B	1	1	1	0223297		2N1305	
	014.0	BB021 003	R				1	0804041	O1	1.5K OHM 5PC 1/2W	LOAD -12V
	015.0	BB019 002	D	A				0223292	R2	1N662	INPUT
	016.0			C		1					
AB	1041.000.0	BB187 108				3	1	FH0000000		FEED THROUGH HOLE	F P11-W, XST7
	001.0	BB022 007	R		2		1	0804048	I1	68K OHM 5PC 1/2W	
	002.0	BB021 007	R						O1		
	003.0	BB019 008	C					0804161	I2	470 PF 10PC 100V MICA	
AB	1050.000.0	BB023 007	D	A				0223292	S1	1N662	INPUT
	001.0			C		1					
	002.0	BB024 006	R		2		1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	003.0						1				
	004.0	BB024 004	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	005.0	BB206 024	Q	B	1	1	1	0223297		2N1305	
	006.0			C		1					T P11-15, ECS2
	007.0	BB024 003	R		2		1	0804041	O1	1.5K OHM 5PC 1/2W	LOAD -12V
	008.0	BB025 006	R					0223328		33K OHM 5PC 1/2W	BIAS
	009.0	BB025 004	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	010.0						1				
	011.0	BB223 024	Q	B	1	1	1	0223297		2N1305	
	011.5	BB025 003	R				1	0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	013.0	BB023 002	D	A				0223292	R2	1N662	INPUT
	014.0			C		1					
AA	1051.000.0	BB026 007	R		2		1	0804048	I1	68K OHM 5PC 1/2W	F P11-18, XCS7
	001.0	BB025 007	R						O1		
	002.0	BB023 008	C				1	0804161	I2	470 PF 10PC 100V MICA	
AB	1060.000.0	BB022 009	D	A	2			0223292	S1	1N662	INPUT
	001.0			C		1					
	002.0	BB022 013	R		2		1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	003.0	BB021 012	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	004.0	BB189	068 Q	B	1	1	1	0223297		2N1305	
	005.0	BB023	011 R				1	0804041	O1	1.5K OHM 5PC 1/2W	LOAD -12V
	006.0						1				
	007.0	BB023	014 R				1	0223328		33K OHM 5PC 1/2W	F P11-14, +6V
	008.0						1				
	009.0	BB023	013 R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	010.0						1				
	011.0	BB022	022			2	1	FH0000000		FEED THROUGH HOLE	T P11-X, ERP2
	012.0	BB206	068 Q	B	1	1	1	0223297		2N1305	
	013.0	BB024	012 R		2		1	0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	014.0	BB021	010 D	A				0223292	R2	1N662	INPUT
AA	1061.000.0	BB024	010 R		2		1	0804048	I1	68K OHM 5PC 1/2W	F P11-16, XRP7
	001.0	BB023	010 R						O1		
	002.0	BB023	009 C					0804161		470 PF 10PC 100V MICA	
	003.0	BB024	009 C						I2		
AB	1070.000.0	BB014	012 D	A	2			0223292	S1	1N662	INPUT
	001.0	BB014	014 R		2		1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	002.0	BB014	013 R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	003.0	BB123	068 Q	B	1	1	1	0223297		2N1305	
	004.0			C			1				T P11-1, ERC2
	005.0	BB013	011 R					0804041	O1	1.5K OHM 5PC 1/2W	LOAD -12V
	006.0						1				
	007.0	BB015	014 R					0223328		33K OHM 5PC 1/2W	BIAS +6V
	008.0	BB016	013 R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	009.0						1				
	010.0	BB140	068 Q	B	1	1	1	0223297		2N1305	
	011.0	BB015	012 R				1	0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	012.0	BB013	010 D	A				0223292	R2	1N662	INPUT
AA	1071.000.0	BB016	011 R		2		1	0804048	I1	68K OHM 5PC 1/2W	F P11-7, XRC7
	001.0	BB015	011 R						O1		
	002.0	BB015	010 C					0804161		470 PF 10PC 100V MICA	
	003.0	BB016	010 C						I2		
AB	1080.000.0	BB006	009 D	A	2		1	0223292	S1	1N662	INPUT
	001.0			C			1				
	002.0	BB006	013 R		2		1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	003.0						1				
	004.0	BB005	011 R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	005.0						1				
	006.0	BB005	012 C				1	0804159		330 PF 10PC 100V MICA	SPEED UP
	007.0						1				
	008.0	BB057	068 Q	B	1	1	1	0223297		2N1305	
	009.0			C			1				
	010.0	BB007	011 R				1	0804041	O2	1.5K OHM 5PC 1/2W	LOAD -12V
	011.0	BB008	015 R		2			0223328		33K OHM 5PC 1/2W	BIAS +6V
	012.0	BB007	013 R				1	0223353		8.2K OHM 5PC 1/2W	T P10-10, EDV2
	013.0	BB007	014 C				1	0804159		330 PF 10PC 100V MICA	SPEED UP
	014.0	BB074	068 Q	B	1	1		0223297		2N1305	
	015.0	BB007	012 R					0804041	O1	1.5K OHM 5PC 1/2W	LOAD -12V
	016.0	BB005	010 D	A				0223292	R2	1N662	INPUT
AB	1081.000.0	BB005	014 R				1	0804048	I1	68K OHM 5PC 1/2W	F P10-8, XDV7
	001.0	BB006	014 R				1		O1		
	002.0	BB005	008 C					0804161	I2	470 PF 10PC 100V MICA	
AC	1090.000.0	BB002	010 D	A	2		1	0223292	S1	1N662	INPUT
	001.0	BB001	008 R					0223328		33K OHM 5PC 1/2W	BIAS +6V
	002.0	BB001	011 R					0223353		8.2K OHM 5PC 1/2W	COUPLING
	003.0	BB001	012 C					0804159		330 PF 10PC 100V MICA	SPEED UP
	004.0	BB023	068 Q	B	1	1		0223297		2N1305	
	005.0	BB003	011 R				1	0804041	O2	1.5K OHM 5PC 1/2W	LOAD -12V
	006.0	BB003	015 R					0223328		33K OHM 5PC 1/2W	BIAS +6V
	007.0	BB003	013 R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	008.0						1				
	009.0	BB003 014	C				1	0804159		330 PF 10PC 100V MICA	SPEED UP
	010.0	BB029 110				3	1	FH0000000		FEED THROUGH HOLE	T P10-D, EMU2
	011.0	BB040 068	Q	B	1	1	1	0223297		2N1305	
	012.0			C			1				
	013.0	BB003 012	R					0804041	O1	1.5K OHM 5PC 1/2W	LOAD -12V
	014.0	BB004 010	D	A	2			0223292	R2	1N662	INPUT
	015.0			C			1				
AB	1091.000.0	BB001 009	R				1	0804048	I1	68K OHM 5PC 1/2W	F P10-2, XMU7
	001.0	BB002 009	R				1		O1		
	002.0	BB003 009	C				1	0804161	I2	470 PF 10PC 100V MICA	
AB	1100.000.0	BB007 019	D	A				0223292	S1	1N662	INPUT
	001.0			C			1				
	002.0	BB007 007	D	A			1	0223292	S2	1N662	INPUT
	003.0			C			1				
	004.0	BB008 006	R		2		1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	005.0	BB007 004	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	006.0						1				
	007.0	BB007 005	C				1	0804159		330 PF 10PC 100V MICA	SPEED UP
	008.0	BB074 024	Q	B	1	1	1	0223297		2N1305	
	009.0			C			1				
	010.0	BB008 003	R		2		1	0804041	O2	1.5K OHM 5PC 1/2W	LOAD -12V
	011.0	BB010 008	D	A	2			0223292	R3	1N662	INPUT
	012.0			C			1				
	013.0	BB010 007	D	A	2		1	0223292	R4	1N662	INPUT
	014.0			C			1				
	015.0	BB009 006	R				1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	016.0	BB009 004	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	017.0						1				
	018.0	BB009 005	C					0804159		330 PF 10PC 100V MICA	SPEED UP
	019.0						1				
	020.0	BB090 024	Q	B	1	1	1	0223297		2N1305	
	021.0	BB009 003	R				1	0804041	O1	1.5K OHM 5PC 1/2W	LOAD -12V
	022.0	BB010 002	D	A	2		1	0223292	R5	1N662	INPUT
	023.0			C			1				
AB	1101.000.0	BB013 022	R				1	0223331	I1	47K OHM 5PC 1/2W	T P10-19, ECF2
	001.0	BB014 022	R						O1		
	002.0	BB162 112				3	1	FH0000000		FEED THROUGH HOLE	
	003.0	BB138 118	C		2	1		0804161	I2	470 PF 10PC 100V MICA	
AA	1102.000.0	BB008 009	R		2		1	0804048	I1	68K OHM 5PC 1/2W	F P10-13, XCF7
	001.0	BB007 009	R				1		O1		
	002.0	BB007 008	C				1	0804161		470 PF 10PC 100V MICA	
	003.0	BB008 008	C				1		I2		
AB	1103.000.0	BB077 110				3	1	FH0000000		FEED THROUGH HOLE	F P10-U, MOFL3
	001.0	BB009 009	R				1	0804048	I1	68K OHM 5PC 1/2W	
	002.0	BB010 009	R						O1		
	003.0	BB009 010	C				1	0804161	I2	470 PF 10PC 100V MICA	F P10-14, HOME1
AB	1104.000.0	BB073 110				3	1	FH0000000		FEED THROUGH HOLE	F P10-T, PS153
AB	1104.001.0	BB009 011	R				1	0804048	I1	68K OHM 5PC 1/2W	
	002.0	BB010 011	R				1		O1		
	003.0	BB007 010	C				1	0804162	I2	560 PF 10PC 100V MICA	
AA	1110.000.0	BB011 007	D	A				0223292	S1	1N662	INPUT
	001.0			C			1				
	002.0	BB011 008	D	A				0223292	S2	1N662	INPUT
	003.0			C			1				
	004.0	BB012 006	R		2		1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	005.0	BB012 004	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	006.0	BB011 005	C					0804159		330 PF 10PC 100V MICA	SPEED UP
	007.0	BB106 024	Q	B	1	1	1	0223297		2N1305	

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	008.0			C			1				
	009.0	BB012	003 R		2		1	0804041	O2	1.5K OHM 5PC 1/2W	LOAD -12V
	010.0	BB014	007 D	A	2			0223292	R3	1N662	INPUT
	011.0			C			1				
	012.0	BB013	006 R				1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	013.0	BB013	004 R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	014.0	BB013	005 C					0804159		330 PF 10PC 100V MICA	SPEED UP
	015.0	BB123	024 Q	B	1	1		0223297		2N1305	
	016.0	BB013	003 R				1	0804041	O1	1.5K OHM 5PC 1/2W	LOAD -12V
	017.0						1				
	018.0	BB011	002 D	A			1	0223292	R4	1N662	INPUT
	019.0			C			1				
AB	1111.000.0	BB121	114			3	1	FH0000000		FEED THROUGH HOLE	F P11-C, XCD7
	001.0	BB014	008 R		2		1	0804048	I1	68K OHM 5PC 1/2W	
	002.0	BB013	008 R						O1		
	003.0	BB013	009 C					0804161		470 PF 10PC 100V MICA	
	004.0	BB014	009 C						I2		
AA	1112.000.0	BB011	009 R				1	0804048	I1	68K OHM 5PC 1/2W	F P10-15, XDP7
	001.0	BB012	009 R						O1		
	002.0	AB060	003			3	1	FH0000000		FEED THROUGH HOLE	
	003.0	BB174	003			3	1	FH0000000		FEED THROUGH HOLE	
	004.0	BB012	001			2	1	FH0000000		FEED THROUGH HOLE	
	005.0	BB011	010 C					0804161		470 PF 10PC 100V MICA	
	006.0	BB012	010 C				1		I2		
AA	1120.000.0	BB003	007 D	A				0223292	S1	1N662	INPUT
	001.0			C			1				
	002.0	BB004	006 R		2		1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	003.0	BB003	004 R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	004.0						1				
	005.0	BB003	005 C				1	0804159		330 PF 10PC 100V MICA	SPEED UP
	006.0	BB040	024 Q	B	1	1	1	0223297		2N1305	
	007.0			C			1				
	008.0	BB004	003 R		2		1	0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	009.0	BB028	024 Q	B		1		0804008		2N1304	EF
	010.0	BB004	002 R		2		1	0223253	O2	2.2K OHM 5PC 1/2W	LOAD -12V
	011.0	BB006	006 R		2		1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	012.0						1				
	013.0	BB006	004 R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	014.0						1				
	015.0	BB005	005 C					0804159		330 PF 10PC 100V MICA	SPEED UP
	016.0						1				
	017.0	BB057	024 Q	B	1	1	1	0223297		2N1305	
	018.0	BB006	003 R		2			0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	019.0	BB045	024 Q	B		1	1	0804008		2N1304	EF
	020.0	BB006	002 R		2		1	0223253	O1	2.2K OHM 5PC 1/2W	T P10-9, ESQ1
	021.0	BB017	002 D	A			1	0223292	R2	1N662	INPUT
AA	1121.000.0	BB006	022			2	1	FH0000000		FEED THROUGH HOLE	F P10-N, XSQ7
	001.0	BB006	007 R		2		1	0804048	I1	68K OHM 5PC 1/2W	
	002.0	BB005	007 R						O1		
	003.0	BB003	008 C					0804161		470 PF 10PC 100V MICA	
	004.0	BB004	008 C						I2		
AB	1130.000.0	AB017	013 D	A				0223292	S1	1N662	INPUT
	001.0	AB017	014 R				1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	002.0	AB018	016 R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	003.0	AB018	015 C		2		1	0804159		330 PF 10PC 100V MICA	SPEED UP
	004.0	AB144	074 Q	B		1		0223297		2N1305	
	005.0	AB018	019 R		2		1	0804041	O2	1.5K OHM 5PC 1/2W	LOAD -12V
	006.0	AB020	013 D	A	2			0223292	R2	1N662	INPUT
	007.0			C			1				
	008.0	AB019	014 R				1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	009.0	AB019	016 R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	010.0	AB020	015 C		2			0804159		330 PF 10PC 100V MICA	SPEED UP

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	011.0						1				
	012.0	AB160 074	Q	B		1	1	0223297		2N1305	
	013.0			C			1				
	014.0	AB019 019	R				1	0804041	O1	1.5K OHM 5PC 1/2W	LOAD -12V
	015.0						1				
	016.0	AB162 003				3	1	FH0000000		FEED THROUGH HOLE	
	017.0	BB072 003				3	1	FH0000000		FEED THROUGH HOLE	
	018.0	BB069 110				3	1	FH0000000		FEED THROUGH HOLE	T P10-S, ECFS1
	019.0	AB017 020	D	A				0223292	S3	1N662	INPUT
	020.0			C			1				
AA	1131.000.0	AB018 009	R		2		1	0223331	I1	47K OHM 5PC 1/2W	
	001.0	AB017 009	R						O1		
	002.0	BB084 003				3	1	FH0000000		FEED THROUGH HOLE	
	003.0	AB150 003				3	1	FH0000000		FEED THROUGH HOLE	
	004.0	AB018 011	C		2		1	0804159	I2	330 PF 10PC 100V MICA	
AA	1132.000.0	AB019 012	R				1	0223331	I1	47K OHM 5PC 1/2W	
	001.0	AB020 012	R						O1		
	002.0	BB102 003				3	1	FH0000000		FEED THROUGH HOLE	
	003.0	AB132 003				3	1	FH0000000		FEED THROUGH HOLE	
	004.0	AB018 010	C		2			0804159		330 PF 10PC 100V MICA	
	005.0	AB017 010	C				1		I2		
AB	1140.000.0	AB021 007	D	A				0223292	S1	1N662	INPUT
	001.0			C			1				
	002.0	AB021 009	D	A				0223292	S2	1N662	INPUT
	003.0			C			1				
	004.0	AB021 008	D	A				0223292	S3	1N662	INPUT
	005.0			C			1				
	006.0	AB022 010	R		2		1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	007.0	AB022 013	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	008.0						1				
	009.0	AB022 014	C		2		1	0804159		330 PF 10PC 100V MICA	SPEED UP
	010.0						1				
	011.0	AB185 074	Q	B		1	1	0223297		2N1305	
	012.0			C			1				
	013.0	AB021 019	R					0804041	O2	1.5K OHM 5PC 1/2W	LOAD -12V
	014.0	AB022 005	D	A	2			0223292	R4	1N662	INPUT
	015.0			C			1				
	016.0	AB022 004	D	A	2			0223292	R5	1N662	INPUT
	017.0			C			1				
	018.0	AB022 003	D	A	2			0223292	R6	1N662	INPUT
	019.0			C			1				
	020.0	AB021 011	R				1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	021.0	AB021 016	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	022.0						1				
	023.0	AB022 015	C		2		1	0804159		330 PF 10PC 100V MICA	SPEED UP
	024.0						1				
	025.0	AB177 074	Q	B		1	1	0223297		2N1305	
	026.0			C			1				
	027.0	AB021 012	R				1	0804041	O1	1.5K OHM 5PC 1/2W	LOAD -12V
	028.0	AB004 022	D	A	2			0223292	R7	1N662	INPUT
AB	1141.000.0	AB022 006	R		2		1	0223331	I1	47K OHM 5PC 1/2W	
	001.0	AB021 006	R						O1		
	002.0	AB020 007	C		2			0804159		330 PF 10PC 100V MICA	
	003.0	AB019 007	C				1		I2		
AA	1142.000.0	AB141 003				3	1	FH0000000		FEED THROUGH HOLE	
	001.0	BB093 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	BB078 003				3	1	FH0000000		FEED THROUGH HOLE	
	003.0	AB156 003				3	1	FH0000000		FEED THROUGH HOLE	
	004.0	AB019 009	R				1	0223331	I1	47K OHM 5PC 1/2W	
	005.0	AB020 009	R						O1		
	006.0	BB075 003				3	1	FH0000000		FEED THROUGH HOLE	
	007.0	AB159 003				3	1	FH0000000		FEED THROUGH HOLE	

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	008.0	AB020 010	C		2			0804161		470 PF 10PC 100V MICA	
	009.0	AB019 010	C			1			I2		
AA	1143,000.0	AB017 008	R					0223331	I1	47K OHM 5PC 1/2W	
	001.0	AB018 008	R						O1		
	002.0	AB138 003				3	1	FH0000000		FEED THROUGH HOLE	
	003.0	BB096 003				3	1	FH0000000		FEED THROUGH HOLE	F P10-16. P4SD3
	004.0	BB081 003				3	1	FH0000000		FEED THROUGH HOLE	
	005.0	AB153 003				3	1	FH0000000		FEED THROUGH HOLE	
	006.0	AB020 008	C		2			0804161		470 PF 10PC 100V MICA	
	007.0	AB019 008	C			1			I2		
AB	1144,000.0	AB020 006	R		2		1	0223331	I1	47K OHM 5PC 1/2W	
	001.0	AB019 006	R						O1		
	002.0	BB078 006				3	1	FH0000000		FEED THROUGH HOLE	
	003.0	BB108 003				3	1	FH0000000		FEED THROUGH HOLE	
	004.1	AB126 003				3	1	FH0000000		FEED THROUGH HOLE	
	005.0	AB018 006	C		2			0804159		330 PF 10PC 100V MICA	
	006.0	AB017 006	C			1			I2		
AA	1145,000.0	AB020 005	R		2		1	0223331	I1	47K OHM 5PC 1/2W	
	001.0	AB019 005	R						O1		
	002.0	AB018 005	C		2			0804159		330 PF 10PC 100V MICA	
	003.0	AB017 005	C						I2		
AA	1146,000.0	AB020 004	R		2		1	0223331	I1	47K OHM 5PC 1/2W	
	001.0	AB019 004	R						O1		
	002.0	BB105 003				3	1	FH0000000		FEED THROUGH HOLE	F P10-18. AIRX3
	003.0	AB129 003				3	1	FH0000000		FEED THROUGH HOLE	
	004.0	AB146 015	S	3	1	1		0803214		TEST POINT	AIRX3
	005.0					1					
	006.0	AB018 004	C		2			0804159		330 PF 10PC 100V MICA	
	007.0	AB017 004	C			1			I2		
AA	1150,000.0	CB019 012	D	A			1	0223292	S1	1N662	INPUT
	001.0			C			1				
	002.0	CB019 011	D	A				0223292	S2	1N662	INPUT
	003.0			C		1					
	004.0	CB020 010	R		2		1	0804037		330 OHM 5PC 1/2W	
	005.0						1				
	006.0	CB019 009	R				1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	007.0						1				
	008.0	CB019 007	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	009.0						1				
	010.0	CB019 008	C				1	0804156		100 PF 10PC 100V MICA	SPEED UP
	011.0	CB020 006	D	A	2			0223292		1N662	CLAMP
	012.0	CB172 023	Q	B	1	1		0804111		2N2635	
	013.0			C			1				
	014.0	CB020 003	R		2		1	0804041	O2	1.5K OHM 5PC 1/2W	LOAD -12V
	015.0						1				
	016.0	CB022 012	D	A	2		1	0223292	R3	1N662	INPUT
	017.0			C			1				
	018.0	CB022 011	D	A	2		1	0223292	R4	1N662	INPUT
	019.0			C			1				
	020.0	CB022 010	R		2		1	0804037		330 OHM 5PC 1/2W	
	021.0						1				
	022.0	CB022 009	R		2		1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	023.0	CB021 007	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	024.0						1				
	025.0	CB021 008	C				1	0804156		100 PF 10PC 100V MICA	SPEED UP
	026.0						1				
	027.0	CB022 006	D	A	2		1	0223292		1N662	CLAMP
	028.0	CB189 023	Q	B	1	1	1	0804111		2N2635	
	029.0	CB021 003	R				1	0804041	O1	1.5K OHM 5PC 1/2W	LOAD -12V
	030.0						1				
AA	1151,000.0	CB020 013	R		2		1	0223393	I2	12K OHM 5PC 1/2W	

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
AA	1151.001.0	CB019 013	R				1		O1		
	002.0	CB019 022	C				1	0804159		330 PF 10PC 100V MICA	
	003.0	CB020 022	C						I1		
	004.0	CB025 011	R					0804048		68K OHM 5PC 1/2W	-12V
AA	1152.000.0	CB020 014	R		2		1	0804044	I1	22K OHM 5PC 1/2W	
	001.0	CB019 014	R				1		O1		
	002.0	CB019 015	C				1	0804156		100 PF 10PC 100V MICA	
	003.0	CB020 015							I2		
AA	1153.000.0	CB021 013	R				1	0804044	I1	22K OHM 5PC 1/2W	
	001.0	CB022 013	R				1		O1		
	002.0	CB021 014	C					0804156		100 PF 10PC 100V MICA	
	003.0	CB022 014	C				1		I2		
AA	1154.000.0	CB021 015	R				1	0223331	I1	47K OHM 5PC 1/2W	F PB-U. XSU7
	001.0	CB022 015	R				1		O1		
	002.0	CB021 016	C				1	0804159	I2	330 PF 10PC 100V MICA	
AB	1160.000.0	DB005 029	D	A			1	0223292	S1	1N662	INPUT
	001.0	DB005 030	D	A				0223292	S2	1N662	INPUT
	002.0	DB002 029	R		2		1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	003.0						1				
	004.0	DB002 027	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	005.0	DB001 028	C					0804159		330 PF 10PC 100V MICA	SPEED UP
	006.0						1				
	007.0	DB023 107	Q	B	1	1	1	0223297		2N1305	
	008.0			C			1				
	009.0	DB002 023	R		2		1	0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	010.1	DB011 107	Q	B		1		0804008		2N1304	EF
	011.0	DB001 024	R					0223253	O2	2.2K OHM 5PC 1/2W	LOAD -12V
	012.0						1				
	013.0	DB005 026	D	A			1	0223292	R3	1N662	INPUT
	014.0	DB004 029	R		2			0223328		33K OHM 5PC 1/2W	BIAS +6V
	015.0	DB003 027	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	016.0	DB003 028	C				1	0804159		330 PF 10PC 100V MICA	SPEED UP
	017.0	DB040 107	Q	B	1	1		0223297		2N1305	
	018.0	DB003 023	R				1	0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	019.0	DB028 107	Q	B		1	1	0804008		2N1304	EF
	020.0			E			1				
	021.0	DB003 024	R				1	0223253	O1	2.2K OHM 5PC 1/2W	LOAD -12V
	022.0	DB005 022	D	A			1	0223292	R4	1N662	INPUT
AB	1161.000.0	DB003 030	R				1	0223331	I1	47K OHM 5PC 1/2W	
	001.0	DB004 030	R						O1		
	004.0	DB005 023	C				1	0804161		470 PF 10PC 100V MICA	
	005.0	DB006 023	C				1		I2		
AB	1162.000.0	DB005 027	R					0223331	I1	47K OHM 5PC 1/2W	
	001.0	DB006 027	R						O1		
	003.0	DB005 028	C					0804161		470 PF 10PC 100V MICA	
	004.0	DB006 028	C						I2		
AC	1163.000.0	DB010 021	R		2		1	0223331	I1	47K OHM 5PC 1/2W	
	001.0	DB009 021	R						O1		
	006.0	DB005 024	C				1	0804162		560 PF 10PC 100V MICA	
	007.0	DB006 024	C				1		I2		
AA	1170.000.0	DB001 020	D	A				0223292	S1	1N662	INPUT
	001.0			C			1				
	002.0	DB001 019	D	A				0223292	S2	1N662	INPUT
	003.0			C			1				
	004.0	DB001 021	D	A				0223292	S3	1N662	INPUT
	005.0			C			1				
	006.0	DB002 018	R		2		1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	007.0						1				
	008.0	DB002 016	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	009.0	DB001 017	C					0804159		330 PF 10PC 100V MICA	SPEED UP

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
AA	1170.010.0						1				
	011.0	DB023 063	Q	B	1	1	1	0223297		2N1305	
	012.0			C			1				
	013.0	DB002 012	R		2		1	0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	014.0	DB011 063	Q	B		1		0804008		2N1304	EF
	015.0			E			1				
	016.0	DB002 013	R		2			0223253	O2	2.2K OHM 5PC 1/2W	LOAD -12V
	017.0	DB005 017	D	A			1	0223292	R4	1N662	INPUT
	018.0	DB005 015	D	A				0223292	R5	1N662	INPUT
	019.0	DB005 016	D	A			1	0223292	R6	1N662	INPUT
	020.0	DB004 018	R		2			0223328		33K OHM 5PC 1/2W	BIAS +6V
	022.0	DB003 016	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	023.0	DB003 017	C				1	0804159		330 PF 10PC 100V MICA	SPEED UP
	024.0	DB040 063	Q	B	1	1		0223297		2N1305	
	025.0	DB003 012	R				1	0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	026.0	DB028 063	Q	B		1	1	0804008		2N1304	EF
	027.0	DB003 013	R					0223253	O1	2.2K OHM 5PC 1/2W	LOAD -12V
	028.0	DB005 011	D	A			1	0223292	R7	1N662	INPUT
AB	1171.000.0	DB006 018	R		2		1	0223331	I1	47K OHM 5PC 1/2W	
	001.0	DB005 018	R						O1		
	003.0	DB005 019	C					0804161		470 PF 10PC 100V MICA	
	004.0	DB006 019	C				1		I2		
AB	1172.000.0	DB004 020	R		2			0223331	I1	47K OHM 5PC 1/2W	
	001.0	DB003 020	R						O1		
	002.1	CB132 011				3	1	FH0000000		FEED THROUGH HOLE	
	003.0	CB204 003				3	1	FH0000000		FEED THROUGH HOLE	
	004.0	DB030 003				3	1	FH0000000		FEED THROUGH HOLE	
	005.0	DB003 019	C					0804161		470 PF 10PC 100V MICA	
	006.0	DB004 019	C				1		I2		
AC	1173.000.0	DB003 021	R				1	0223331	I1	47K OHM 5PC 1/2W	
	001.0	DB004 021	R						O1		
	003.0	DB005 021	C					0804161		470 PF 10PC 100V MICA	
	004.0	DB006 021	C				1		I2		
AB	1175.000.0	CB189 003				3	1	FH0000000		FEED THROUGH HOLE	T P8-R. MMDL3
	001.0	DB045 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	DB006 012	R		2		1	0223331	I1	47K OHM 5PC 1/2W	
	003.0	DB005 012	R						O1		
	004.0	CB159 003				3	1	FH0000000		FEED THROUGH HOLE	
	005.0	DB075 003				3	1	FH0000000		FEED THROUGH HOLE	
	006.0	CB195 003				3	1	FH0000000		FEED THROUGH HOLE	
	007.0	DB039 003				3	1	FH0000000		FEED THROUGH HOLE	
	009.0	DB005 013	C					0804161		470 PF 10PC 100V MICA	
	010.0	DB006 013	C				1		I2		
AB	1176.000.0	DB005 014	R				1	0223393	I1	12K OHM 5PC 1/2W	
	001.0	DB006 014	R						O1		
	004.0	DB005 020	C				1	0804161		470 PF 10PC 100V MICA	
	005.0	DB006 020	C				1		I2		
AC	1180.000.0	DB005 010	D	A			1	0223292	S1	1N662	INPUT
	001.0	DB002 010	R		2		1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	002.0						1				
	003.0	DB002 008	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	004.0	DB001 009	C					0804159		330 PF 10PC 100V MICA	SPEED UP
	005.0						1				
	006.0	DB023 031	Q	B	1	1	1	0223297		2N1305	
	007.0			C			1				
	008.0	DB002 004	R		2		1	0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	009.0	DB011 031	Q	B		1		0804008		2N1304	EF
	010.1	DB002 005	R		2			0223253	O2	2.2K OHM 5PC 1/2W	LOAD -12V
	011.0	DB005 007	D	A			1	0223292	R2	1N662	INPUT
	012.0	DB004 010	R		2			0223328		33K OHM 5PC 1/2W	BIAS +6V
	013.0	DB003 008	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	014.0	DB003 009	C					0804159		330 PF 10PC 100V MICA	SPEED UP
	015.0	DB040 031	Q	B	1	1		0223297		2N1305	

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F R I D E N I N C
EC/132 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	016.0	DB003 004	R					0804041	1	1.5K OHM 5PC 1/2W	LOAD -12V
	016.1								1		

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	017.0	DB028	031	Q	B		1	1	0804008	2N1304	EF
	018.0	DB003	005	R					0223253	O1 2.2K OHM 5PC 1/2W	LOAD -12V
	019.0							1			
	020.0	CB201	003				3	1	FH0000000	FEED THROUGH HOLE	
	021.0	DB033	003				3	1	FH0000000	FEED THROUGH HOLE	
	022.0	DB005	004	D	A			1	0223292	R3 1N662	INPUT
AA	1181.000.0	DB006	005	R		2			0223331	I1 47K OHM 5PC 1/2W	
	001.0	DB005	005	R			1			O1	
	002.0	DB005	009	C				1	0804161	I2 470 PF 10PC 100V MICA	
AA	1182.000.0	DB006	006	R		2			0223331	I1 47K OHM 5PC 1/2W	
	001.0	DB005	006	R			1			O1	
	002.0	DB005	008	C				1	0804161	I2 470 PF 10PC 100V MICA	
AB	1190.000.0	DB021	006	D	A			1	0223292	S1 1N662	INPUT
	001.0	DB024	007	R		2		1	0223328	33K OHM 5PC 1/2W	BIAS +6V
	002.0							1			
	003.0	DB024	005	R		2		1	0223353	8.2K OHM 5PC 1/2W	COUPLING
	004.0	DB023	006	C					0804159	330 PF 10PC 100V MICA	SPEED UP
	005.0							1			
	006.0	DB206	019	Q	B	1	1	1	0223297	2N1305	
	007.0				C			1			
	008.0	DB024	001	R		2		1	0804041	1.5K OHM 5PC 1/2W	LOAD
	009.0	DB194	019	Q	B		1		0804008	2N1304	EF
	010.0	DB023	002	R					0223253	O2 2.2K OHM 5PC 1/2W	LOAD
	011.0	DB025	008	D	A				0223292	R2 1N662	INPUT
	012.0				C			1			
	013.0	DB026	007	R		2		1	0223328	33K OHM 5PC 1/2W	BIAS +6V
	014.0	DB026	005	R		2		1	0223353	8.2K OHM 5PC 1/2W	COUPLING
	015.0							1			
	016.0	DB025	006	C				1	0804159	330 PF 10PC 100V MICA	SPEED UP
	017.0							1			
	018.0	DB223	019	Q	B	1	1	1	0223297	2N1305	
	019.0	DB025	001	R					0804041	1.5K OHM 5PC 1/2W	LOAD -12V
	020.0	DB211	019	Q	B		1	1	0804008	2N1304	EF
	021.0				E			1			
	022.0	DB025	002	R					0223253	O1 2.2K OHM 5PC 1/2W	LOAD -12V
	023.0	CB219	003				3	1	FH0000000	FEED THROUGH HOLE	F P8-C, ECFD4
	024.0	DB015	003				3	1	FH0000000	FEED THROUGH HOLE	
	025.0	DB001	001	D	A				0223292	R3 1N662	INPUT
	026.0				C			1			
	027.0	CB210	003				3	1	FH0000000	FEED THROUGH HOLE	
	028.0	DB024	003				3	1	FH0000000	FEED THROUGH HOLE	
AA	1191.000.0	DB022	003	R		2		1	0223331	I1 47K OHM 5PC 1/2W	
	001.0	DB021	003	R				1		O1	
	002.0	DB021	007	C					0804161	I2 470 PF 10PC 100V MICA	
AA	1192.000.0	DB024	008	R		2		1	0223331	I1 47K OHM 5PC 1/2W	
	001.0	DB023	008	R						O1	
	002.0	DB021	008	C					0804161	I2 470 PF 10PC 100V MICA	
AB	1200.000.0	AB016	010	D	A	2		1	0223292	S1 1N662	INPUT
	001.0				C			1			
	002.0	AB013	010	D	A			1	0223292	S2 1N662	INPUT
	003.0				C			1			
	004.0	AB016	013	D	A	2			0223292	S3 1N662	INPUT
	005.0				C			1			
	006.0	AB016	014	R		2		1	0223328	33K OHM 5PC 1/2W	BIAS +6V
	007.0							1			
	008.0	AB015	016	R				1	0223353	8.2K OHM 5PC 1/2W	COUPLING
	009.0	AB016	015	C		2			0804159	330 PF 10PC 100V MICA	SPEED UP
	010.0							1			
	011.0	AB128	074	Q	B		1		0223297	2N1305	
	012.0				C			1			
	013.0	AB015	019	R				1	0223253	O2 2.2K OHM 5PC 1/2W	LOAD -12V

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	014.0	AB013 013	D	A				0223292	R4	1N662	INPUT
	015.0	AB014 014	R		2			0223328		33K OHM 5PC 1/2W	BIAS +6V
	016.0	AB013 016	R			1		0223353		8.2K OHM 5PC 1/2W	COUPLING
	017.0					1					
	018.0	AB014 015	C		2		1	0804159		330 PF 10PC 100V MICA	SPEED UP
	019.0	AB111 074	Q	B		1	1	0223297		2N1305	
	020.0	AB014 019	R		2		1	0223253	O1	2.2K OHM 5PC 1/2W	LOAD -12V
	021.0	AB016 020	D	A	2			0223292	R5	1N662	INPUT
	022.0			C		1					
AA	1201.000.0	BB123 003				3	1	FH0000000		FEED THROUGH HOLE	F P11-3, XD107
	001.0	AB111 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	AB015 007	R			1		0223257		10K OHM 5PC 1/2W	-12V
	003.0	AB015 008	R			1		0223331	I1	47K OHM 5PC 1/2W	
	004.0	AB016 008	R			1			O1		
	005.0	AB016 009	C		2		1	0804161		470 PF 10PC 100V MICA	
	006.0	AB015 009	C						I2		
AA	1202.000.0	BB126 003				3	1	FH0000000		FEED THROUGH HOLE	F P11-4, XD147
	001.0	AB108 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	AB014 007	R		2		1	0223257		10K OHM 5PC 1/2W	
	003.0					1					
	004.0	AB014 008	R		2		1	0223331	I1	47K OHM 5PC 1/2W	
	005.0	AB013 008	R			1			O1		
	006.0	AB014 009	C		2			0804161	I2	470 PF 10PC 100V MICA	
	007.0					1					
AA	1203.000.0	AB015 012	R					0223331	I1	47K OHM 5PC 1/2W	
	001.0	AB016 012	R						O1		
	002.0	AB016 011	C		2			0804159		330 PF 10PC 100V MICA	
	003.0	AB015 011	C						I2		
AA	1204.000.0	AB014 012	R		2		1	0223331	I1	47K OHM 5PC 1/2W	
	001.0	AB013 012	R						O1		
	002.0	AB014 011	C		2			0804159	I2	330 PF 10PC 100V MICA	
AA	1210.000.0	AB012 010	D	A	2		1	0223292	S1	1N662	GATE
	001.0			C			1				
	002.0	AB009 009	D	A			1	0223292	S2	1N662	GATE
	003.0			C			1				
	004.0	AB012 009	D	A	2		1	0223292	S3	1N662	GATE
	005.0			C			1				
	006.0	AB009 010	D	A			1	0223292	S4	1N662	GATE
	007.0			C			1				
	008.0	AB012 013	D	A	2			0223292	S5	1N662	GATE
	009.0			C			1				
	010.0	AB011 014	R				1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	011.0	AB011 016	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	012.0	AB012 015	C		2			0804159		330 PF 10PC 100V MICA	SPEED UP
	013.0						1				
	014.0	AB094 074	Q	B		1	1	0223297		2N1305	
	015.0			C			1				
	016.0	AB011 019	R				1	0223253	O2	2.2K OHM 5PC 1/2W	LOAD -12V
	017.0						1				
	018.0	AB009 013	D	A				0223292	R6	1N662	INPUT
	019.0	AB010 014	R		2			0223328		33K OHM 5PC 1/2W	BIAS +6V
	020.0	AB010 016	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	021.0						1				
	022.0	AB010 015	C		2		1	0804159		330 PF 10PC 100V MICA	SPEED UP
	023.0						1				
	024.0	AB078 074	Q	B		1	1	0223297		2N1305	
	025.0	AB010 019	R		2		1	0223253	O1	2.2K OHM 5PC 1/2W	LOAD -12V
	026.0	AB012 020	D	A	2			0223292	R7	1N662	INPUT
	027.0			C			1				
AA	1211.000.0	AB011 006	R					0223331	I1	47K OHM 5PC 1/2W	
	001.0	AB012 006	R			1			O1		

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
AA	1211.002.0	AB012 005	C		2		1	0804161		470 PF 10PC 100V MICA	
	003.0	AB011 005	C						I2		
AB	1212.000.0	BB164 110				3	1	FH0000000		FEED THROUGH HOLE	F P11-M, XD117
	001.0	BB159 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	AB075 003				3	1	FH0000000		FEED THROUGH HOLE	
	003.0	AB010 004	R		2		1	0223257		10K OHM 5PC 1/2W	
	004.0	AB010 007	R		2		1	0223331	I1	47K OHM 5PC 1/2W	
	005.0	AB009 007	R				1		O1		
	006.0	AB010 008	C		2			0804161	I2	470 PF 10PC 100V MICA	
	007.0						1				
AB	1213.000.0	BB154 112				3	1	FH0000000		FEED THROUGH HOLE	F P11-J, XD157
	001.0	BB156 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	AB078 003				3	1	FH0000000		FEED THROUGH HOLE	
	003.0	AB011 004	R				1	0223257		10K OHM 5PC 1/2W	
	004.0						1				
	005.0	AB011 007	R				1	0223331	I1	47K OHM 5PC 1/2W	
	006.0	AB012 007	R				1		O1		
	007.0	AB012 008	C		2		1	0804161		470 PF 10PC 100V MICA	
	008.0	AB011 008	C						I2		
AB	1214.000.0	AB010 006	R		2		1	0223331	I1	47K OHM 5PC 1/2W	
	001.0	AB009 006	R				1		O1		
	002.0	AB010 005	C		2			0804161	I2	470 PF 10PC 100V MICA	
	003.0						1				
AA	1215.000.0	AB011 012	R				1	0223331	I1	47K OHM 5PC 1/2W	
	001.0	AB012 012	R						O1		
	002.0	AB012 011	C		2			0804159		330 PF 10PC 100V MICA	
	003.0	AB011 011	C						I2		
AA	1216.000.0	AB010 012	R		2		1	0223331	I1	47K OHM 5PC 1/2W	
	001.0	AB009 012	R						O1		
	002.0	AB010 011	C		2			0804159	I2	330 PF 10PC 100V MICA	
AB	1220.000.0	AB008 010	D	A	2		1	0223292	S1	1N662	INPUT
	001.0			C			1				
	002.0	AB005 009	D	A				0223292	S2	1N662	INPUT
	003.0			C			1				
	004.0	AB008 009	D	A	2		1	0223292	S3	1N662	INPUT
	005.0			C			1				
	006.0	AB005 010	D	A			1	0223292	S4	1N662	INPUT
	007.0			C			1				
	008.0	AB008 013	D	A	2			0223292	S5	1N662	INPUT
	009.0			C			1				
	010.0	AB007 014	R				1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	011.0	AB007 016	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	012.0	AB008 015	C		2			0804159		330 PF 10PC 100V MICA	SPEED UP
	013.0						1				
	014.0	AB062 074	Q	B		1	1	0223297		2N1305	
	015.0			C			1				
	016.0	AB007 019	R				1	0223253	O2	2.2K OHM 5PC 1/2W	LOAD -12V
	017.0	AB005 013	D	A				0223292	R6	1N662	INPUT
	018.0	AB005 014	R				1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	019.0	AB006 016	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	020.0						1				
	021.0	AB006 015	C		2		1	0804159		330 PF 10PC 100V MICA	SPEED UP
	022.0						1				
	023.0	AB045 074	Q	B		1	1	0223297		2N1305	
	024.0	AB006 019	R		2		1	0223253	O1	2.2K OHM 5PC 1/2W	LOAD -12V
	025.0	BB171 003				3	1	FH0000000		FEED THROUGH HOLE	
	026.0	AB063 003				3	1	FH0000000		FEED THROUGH HOLE	
	027.0	AB008 020	D	A	2		1	0223292	R7	1N662	INPUT
	028.0			C			1				
AA	1221.000.0	AB183 003				3	1	FH0000000		FEED THROUGH HOLE	

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	001.0	BB051 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	BB180 003				3	1	FH0000000		FEED THROUGH HOLE	
	003.0	AB054 003				3	1	FH0000000		FEED THROUGH HOLE	
	004.0	AB007 006	R				1	0223331	I1	47K OHM 5PC 1/2W	
	005.0	AB008 006	R				1		O1		
	006.0	BB021 022				2	1	FH0000000		FEED THROUGH HOLE	F P11-R, RCR03
	007.0	BB183 003				3	1	FH0000000		FEED THROUGH HOLE	
	008.0	AB051 003				3	1	FH0000000		FEED THROUGH HOLE	
	009.0	AB008 005	C		2		1	0804161		470 PF 10PC 100V MICA	
	010.0	AB007 005	C				1		I2		
AB	1222.000.0	BB181 110				3	1	FH0000000		FEED THROUGH HOLE	F P11-T, XD127
	001.0	BB189 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	AB045 003				3	1	FH0000000		FEED THROUGH HOLE	
	003.0	AB006 004	R		2		1	0223257		10K OHM 5PC 1/2W	
	004.0	AB006 007	R		2		1	0223331	I1	47K OHM 5PC 1/2W	
	005.0	AB005 007	R						O1		
	006.0	AB006 008	C		2			0804161	I2	470 PF 10PC 100V MICA	
AB	1223.000.0	BB179 108				3	1	FH0000000		FEED THROUGH HOLE	F P11-S, XD167
	001.0	BB186 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	AB048 003				3	1	FH0000000		FEED THROUGH HOLE	
	003.0	AB007 004	R				1	0223257		10K OHM 5PC 1/2W	
	004.0	AB007 007	R				1	0223331	I1	47K OHM 5PC 1/2W	
	005.0	AB008 007	R				1		O1		
	006.0	AB008 008	C		2		1	0804161		470 PF 10PC 100V MICA	
	007.0	AB007 008	C						I2		
AA	1224.000.0	AB006 006	R		2			0223331	I1	47K OHM 5PC 1/2W	
	001.0	AB005 006	R				1		O1		
	002.0	AB006 005	C		2			0804161	I2	470 PF 10PC 100V MICA	
	003.0						1				
AA	1225.000.0	AB007 012	R				1	0223331	I1	47K OHM 5PC 1/2W	
	001.0	AB008 012	R						O1		
	002.0	AB008 011	C		2			0804159		330 PF 10PC 100V MICA	
	003.0	AB007 011	C						I2		
AA	1226.000.0	AB006 012	R		2		1	0223331	I1	47K OHM 5PC 1/2W	
	001.0	AB005 012	R						O1		
	002.0	AB006 011	C		2			0804159	I2	330 PF 10PC 100V MICA	
AA	1230.000.0	AB001 010	D	A				0223292	S1	1N662	INPUT
	001.0			C			1				
	002.0	AB004 010	D	A	2			0223292	S2	1N662	INPUT
	003.0			C			1				
	004.0	AB004 013	D	A	2			0223292	S3	1N662	INPUT
	005.0			C			1				
	006.0	AB003 014	R				1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	007.0						1				
	008.0	AB003 016	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	009.0	AB004 015	C		2			0804159		330 PF 10PC 100V MICA	SPEED UP
	010.0						1				
	011.0	AB028 074	Q	B		1	1	0223297		2N1305	
	012.0			C			1				
	013.0	AB003 019	R				1	0223253	O2	2.2K OHM 5PC 1/2W	LOAD -12V
	014.0	AB001 013	D	A				0223292	R4	1N662	INPUT
	015.0	AB002 014	R		2			0223328		33K OHM 5PC 1/2W	BIAS +6V
	016.0	AB002 016	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	017.0						1				
	018.0	AB002 015	C		2		1	0804159		330 PF 10PC 100V MICA	SPEED UP
	019.0						1				
	020.0	AB011 074	Q	B		1	1	0223297		2N1305	
	021.0	AB002 019	R		2		1	0223253	O1	2.2K OHM 5PC 1/2W	LOAD -12V
	022.0						1				
	023.0	AB004 020	D	A	2			0223292	R5	1N662	INPUT
	024.0			C			1				

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
AA	1231.000.0	BB219 003				3	1	FH 000000		FEED THROUGH HOLE	F P11-21. XD137
	001.0	AB015 003				3	1	FH 000000		FEED THROUGH HOLE	
	002.0	AB 02 05	R	2		1		223257		10K OHM 5PC 1/2W	
	003.0					1					
	004.0	AB 02 08	R	2				223331	I1	47K OHM 5PC 1/2W	
	005.0	AB 01 08	R						O1		
	006.0	AB 02 09	C	2				804161	I2	470 PF 10PC 100V MICA	
AA	1232.000.0	BB216 003				3	1	FH 000000		FEED THROUGH HOLE	F P11-17. XD177
	001.0	AB018 003				3	1	FH 000000		FEED THROUGH HOLE	
	002.0	AB 03 04	R			1		223257		10K OHM 5PC 1/2W	
	003.0	AB 03 08	R			1		223331	I1	47K OHM 5PC 1/2W	
	004.0	AB 04 08	R						O1		
	005.0	AB 04 09	C	2				804161		470 PF 10PC 100V MICA	
	006.0	AB 03 09	C						I2		
AA	1233.000.0	AB 03 12	R			1		223331	I1	47K OHM 5PC 1/2W	
	001.0	AB 04 12	R						O1		
	002.0	AB 04 11	C	2				804159		330 PF 10PC 100V MICA	
	003.0	AB 03 11	C		1				I2		
AA	1234.000.0	AB 02 12	R	2	1			223331	I1	47K OHM 5PC 1/2W	
	001.0	AB 01 12	R						O1		
	002.0	AB 02 11	C	2	1			804159	I2	330 PF 10PC 100V MICA	
AC	1240.000.0	CB 23 11	D	A		1		223292	S1	1N662	INPUT
	001.0			C		1					
	002.0	CB 23 09	D	A		1		223292	S2	1N662	INPUT
	003.0			C		1					
	004.0	CB 24 08	R	2	1			223328		33K OHM 5PC 1/2W	BIAS
	005.0				1						
	006.0	CB 24 06	R	2	1			223353		8.2K OHM 5PC 1/2W	COUPLING
	007.0	CB 23 07	C					804159		330 PF 10PC 100V MICA	SPEED UP
	008.0				1						
	009.0	CB206 023	Q	B 1 1	1			223297		2N1305	
	010.0			C	1						
	011.0	CB 24 02	R	2	1			804041	O1	1.5K OHM 5PC 1/2W	LOAD -12V
	012.0				1						
	013.0	CB 25 26			2	1	FH	000000		FEED THROUGH HOLE	T P8-3. AOFL2
	014.0	CB223 040	D	A 2 1				223292	R3	1N662	INPUT
	016.0	CB 26 08	R	2	1			223328		33K OHM 5PC 1/2W	BIAS +6V
	017.0	CB 26 06	R	2	1			223353		8.2K OHM 5PC 1/2W	COUPLING
	018.0				1						
	019.0	CB 25 07	C		1			804159		330 PF 10PC 100V MICA	SPEED UP
	020.0				1						
	021.0	CB223 023	Q	B 1 1	1			223297		2N1305	
	022.0	CB 25 03	R		1			804041		1.5K OHM 5PC 1/2W	LOAD -12V
	023.0	CB 23 03	D	A	1			223292	R4	1N662	F P8-N. EROF9
	024.0			C	1						
AA	1241.000.0	CB 24 12	R	2				223328	I1	33K OHM 5PC 1/2W	
	001.0	CB 23 12	R		1				O1		
	002.0	CB 23 10	C		1			804161		470 PF 10PC 100V MICA	
	003.0	CB 24 10	C		1				I2		
AB	1242.000.0	CB 24 13	R	2	1			223393	I1	12K OHM 5PC 1/2W	F P8-K. CDZ4
	001.0	CB 23 13	R		1				O1		
	002.0	CB227 006				3	1	FH 000000		FEED THROUGH HOLE	
	003.0	CB189 011	D	A 2 1				223292	I2	1N662	
	004.1	CB194 007	R		1	1		223257		10K OHM 5PC 1/2W	DIVIDER -12V
	005.1	CB211 007	R		1			804044		22K OHM 5PC 1/2W	DIVIDER GND
	006.0	CB226 013				3	1	FH 000000		FEED THROUGH HOLE	
	007.0	CB 26 12	C	2	1			804087		.001 MFD 10PC 200V FILM	
AD	1243.000.0	CB 26 26			2	1	FH	000000		FEED THROUGH HOLE	F P8-2. XCE7
	000.5	CB223 043	R	2 1 1				223331	I1	47K OHM 5PC 1/2W	
	000.6	CB 11 43	R						O1		

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	005.0	CB211 046	C				1	0804161		470 PF 10PC 100V MICA	
	006.0	CB221 046	C				1		I2		
AB	1250.000.0	EB009 026	D		A		1	0223292	S1	1N662	INPUT
	001.0	EB009 027	D		A		1	0223292	S2	1N662	INPUT
	002.0	EB010 025	R			2		0804037		330 OHM 5PC 1/2W	
	003.0	EB009 024	R					0223328		33K OHM 5PC 1/2W	BIAS +6V
	004.0	EB009 022	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	005.0						1				
	006.0	EB010 021	D		A	2	1	0223292		1N662	CLAMP
	007.0	EB010 020	Q		B	1	1	0804111		2N2635	
	008.0	EB009 019	R				1	0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	009.0	EB009 020	Q		B		1	0804008		2N1304	EF
	010.0	EB010 020	R			2	1	0223253	O2	2.2K OHM 5PC 1/2W	LOAD -12V
	011.0	EB008 026	D		A	2	1	0223292	R3	1N662	INPUT
	012.0	EB008 027	D		A	2		0223292	R4	1N662	INPUT
	013.0	EB008 028	D		A	2		0223292	R5	1N662	INPUT
	014.0	EB007 025	R					0804037		330 OHM 5PC 1/2W	
	015.0	EB008 024	R			2		0223328		33K OHM 5PC 1/2W	BIAS +6V
	016.0	EB008 022	R			2	1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	017.0	EB008 021	D		A	2	1	0223292		1N662	CLAMP
	018.0	EB008 020	Q		B	1	1	0804111		2N2635	
	019.0				C		1				
	020.0	EB008 019	R			2	1	0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	021.0						1				
	022.0	EB007 020	Q		B			0804008		2N1304	EF
	023.0				E		1				
	024.0	EB007 020	R				1	0223253	O1	2.2K OHM 5PC 1/2W	LOAD -12V
AB	1251.000.0	EB010 030	R			2		0223401	I1	4.7K OHM 5PC 1/2W	
	001.0	EB009 030	R				1		O1		
	002.0	EB009 031	C				1	0804156		100 PF 10PC 100V MICA	
	003.0	EB010 031	C						I2		
AA	1252.000.0	EB007 031	R				1	0223326	I1	15K OHM 5PC 1/2W	T P7-K. CD51
	001.0	EB008 031	R				1		O1		
	002.0	EB007 032	C				1	0804156	I2	100 PF 10PC 100V MICA	
	003.0						1				
AA	1253.000.0	EB013 033				2	1	FH0000000		FEED THROUGH HOLE	
	001.0	EB010 032	R			2		0223401	I1	4.7K OHM 5PC 1/2W	
	002.0	EB009 032	R						O1		
	003.0	EB007 033	C				1	0804156	I2	100 PF 10PC 100V MICA	
	004.0						1				
AA	1254.000.0	EB010 028	R			2	1	0223326	I1	15K OHM 5PC 1/2W	F P7-B. CD52
	001.0	EB009 028	R						O1		
	002.0	EB009 029	C					0804156		100 PF 10PC 100V MICA	
	003.0	EB010 029	C						I2		
AA	1255.000.0	EB007 030	R				1	0223326	I1	15K OHM 5PC 1/2W	
	001.0	EB008 030	R						O1		
	002.0	EB007 029	C					0804156	I2	100 PF 10PC 100V MICA	
AC	1260.000.0	EB013 026	D		A		1	0223292	S1	1N662	INPUT
	001.0	EB013 027	D		A		1	0223292	S2	1N662	INPUT
	002.0	EB014 025	R			2		0804037		330 OHM 5PC 1/2W	
	003.0	EB014 024	R			2	1	0223328		33K OHM 5PC 1/2W	F P6-Z. +6V
	004.0	EB013 022	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	005.0						1				
	006.0	EB014 021	D		A	2	1	0223292		1N662	CLAMP
	007.0	EB014 020	Q		B	1	1	0804111		2N2635	
	008.0	EB014 020	R			2		0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	009.0	EB013 020	Q		B		1	0804008		2N1304	EF
	010.0				E		1				
	011.0	EB014 019	R			2		0223253	O2	2.2K OHM 5PC 1/2W	LOAD -12V
	012.0	EB012 026	D		A	2	1	0223292	R3	1N662	INPUT

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	013.0	EB012 027	D	A	2			0223292	R4	1N662	INPUT
	014.0	EB012 028	D	A	2			0223292	R5	1N662	INPUT
	015.0	EB011 025	R					0804037		330 OHM 5PC 1/2W	
	016.0	EB012 024	R		2			0223328		33K OHM 5PC 1/2W	BIAS +6V
	018.0	EB012 022	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	019.0	EB012 021	D	A	2		1	0223292		1N662	CLAMP
	020.0	EB012 020	Q	B	1		1	0804111		2N2635	
	021.0			C			1				
	022.0	EB012 020	R		2		1	0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	023.0	EB011 020	Q	B				0804008		2N1304	EF
	024.0			E			1				
	025.0	EB012 019	R		2		1	0223253	O1	2.2K OHM 5PC 1/2W	LOAD -12V
AB	1261.000.0	EB014 030	R		2			0223401	I1	4.7K OHM 5PC 1/2W	
	000.1	EB013 030	R				1		O1		
	001.0	EB013 031	C				1	0804156		100 PF 10PC 100V MICA	
	002.0	EB014 031	C						I2		
AA	1262.000.0	EB110 128				3	1	FH0000000		FEED THROUGH HOLE	T P7-1. CD41
	001.0	EB011 031	R				1	0223326	I1	15K OHM 5PC 1/2W	
	002.0	EB012 031	R				1		O1		
	003.0	EB011 032	C					0804156	I2	100 PF 10PC 100V MICA	
	004.0						1				
AA	1263.000.0	EB017 033				2	1	FH0000000		FEED THROUGH HOLE	
	001.0	EB014 032	R		2			0223401	I1	4.7K OHM 5PC 1/2W	
	002.0	EB013 032	R						O1		
	003.0	EB011 033	C					0804156	I2	100 PF 10PC 100V MICA	
	004.0						1				
AA	1264.000.0	EB014 028	R		2		1	0223326	I1	15K OHM 5PC 1/2W	T P6-X. CD42
	001.0	EB013 028	R						O1		
	002.0	EB013 029	C					0804156		100 PF 10PC 100V MICA	
	003.0	EB014 029	C						I2		
AA	1265.001.0	EB011 030	R				1	0223326	I1	15K OHM 5PC 1/2W	T P7-A. CA41
	002.0	EB012 030	R						O1		
	003.0	EB011 029	C					0804156	I2	100 PF 10PC 100V MICA	
AC	1270.000.0	EB017 026	D	A			1	0223292	S1	1N662	INPUT
	001.0	EB017 027	D	A			1	0223292	S2	1N662	INPUT
	002.0	EB018 025	R		2			0804037		330 OHM 5PC 1/2W	
	003.0	EB017 024	R					0223328		33K OHM 5PC 1/2W	BIAS +6V
	004.0	EB017 022	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	005.0						1				
	006.0	EB018 021	D	A	2		1	0223292		1N662	CLAMP
	007.0	EB018 020	Q	B	1		1	0804111		2N2635	
	008.0	EB018 020	R		2			0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	009.0	EB017 020	Q	B			1	0804008		2N1304	EF
	010.0			E			1				
	011.0	EB018 019	R		2			0223253	O2	2.2K OHM 5PC 1/2W	LOAD -12V
	012.0	EB016 026	D	A	2		1	0223292	R3	1N662	INPUT
	013.0	EB016 027	D	A	2			0223292	R4	1N662	INPUT
	014.0	EB016 028	D	A	2			0223292	R5	1N662	INPUT
	015.0	EB015 025	R					0804037		330 OHM 5PC 1/2W	
	016.0	EB016 024	R		2			0223328		33K OHM 5PC 1/2W	BIAS +6V
	017.0	EB016 022	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	018.0	EB016 021	D	A	2		1	0223292		1N662	CLAMP
	019.0	EB016 020	Q	B	1		1	0804111		2N2635	
	020.0			C			1				
	021.0	EB016 020	R		2		1	0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	022.0	EB015 020	Q	B				0804008		2N1304	EF
	023.0			E			1				
	024.0	EB016 019	R		2		1	0223253	O1	2.2K OHM 5PC 1/2W	LOAD -12V
AA	1271.000.0	EB018 030	R		2		1	0223401	I1	4.7K OHM 5PC 1/2W	

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	001.0	EB017 030	R				1		O1		
	002.0	EB017 031	C				1	0804156		100 PF 10PC 100V MICA	
	003.0	EB018 031	C						I2		
AA	1272.000.0	EB015 031	R				1	0223326	I1	15K OHM 5PC 1/2W	T P6-W. CD31
	001.0	EB016 031	R				1		O1		
	002.0	EB015 032	C					0804156	I2	100 PF 10PC 100V MICA	
	003.0						1				
AA	1273.000.0	EB021 033				2	1	FH0000000		FEED THROUGH HOLE	
	001.0	EB018 032	R		2			0223401	I1	4.7K OHM 5PC 1/2W	
	002.0	EB017 032	R						O1		
	003.0	EB015 033	C					0804156	I2	100 PF 10PC 100V MICA	
	004.0						1				
AA	1274.000.0	EB018 028	R		2		1	0223326	I1	15K OHM 5PC 1/2W	T P6-R. CD32
	001.0	EB017 028	R						O1		
	002.0	EB017 029	C					0804156		100 PF 10PC 100V MICA	
	003.0	EB018 029	C						I2		
AA	1275.000.0	EB015 030	R				1	0223326	I1	15K OHM 5PC 1/2W	
	001.0	EB016 030	R						O1		
	002.0	EB015 029	C					0804156	I2	100 PF 10PC 100V MICA	
AA	1280.000.0	EB021 026	D		A		1	0223292	S1	1N662	INPUT
	001.0	EB021 027	D		A			0223292	S2	1N662	INPUT
	002.0	EB022 025	R		2			0804037		330 OHM 5PC 1/2W	
	003.0	EB021 024	R					0223328		33K OHM 5PC 1/2W	BIAS +6V
	004.0	EB021 022	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	005.0						1				
	006.0	EB022 021	D		A	2	1	0223292		1N662	CLAMP
	007.0	EB022 020	Q		B	1	1	0804111		2N2635	
	008.0	EB022 020	R		2			0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	009.0	EB021 020	Q		B		1	0804008		2N1304	EF
	010.0				E		1				
	011.0	EB022 019	R		2		1	0223253	O2	2.2K OHM 5PC 1/2W	LOAD -12V
	012.0	EB020 026	D		A	2	1	0223292	R3	1N662	INPUT
	013.0	EB020 027	D		A	2	1	0223292	R4	1N662	INPUT
	014.0	EB020 028	D		A	2		0223292	R5	1N662	INPUT
	015.0	EB019 025	R					0804037		330 OHM 5PC 1/2W	
	016.0	EB020 024	R		2			0223328		33K OHM 5PC 1/2W	BIAS +6V
	017.0	EB020 022	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	018.0	EB020 021	D		A	2	1	0223292		1N662	CLAMP
	019.0	EB020 020	Q		B	1	1	0804111		2N2635	
	020.0				C		1				
	021.0	EB020 020	R		2		1	0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	022.0	EB019 020	Q		B			0804008		2N1304	EF
	023.0				E		1				
	024.0	EB020 019	R		2		1	0223253	O1	2.2K OHM 5PC 1/2W	LOAD -12V
AA	1281.000.0	EB022 030	R		2		1	0223401	I1	4.7K OHM 5PC 1/2W	
	001.0	EB021 030	R				1		O1		
	002.0	EB021 031	C				1	0804156		100 PF 10PC 100V MICA	
	003.0	EB022 031	C						I2		
AA	1282.000.0	EB019 031	R				1	0223326	I1	15K OHM 5PC 1/2W	T P6-N. CD21
	001.0	EB020 031	R						O1		
	002.0	EB019 032	C					0804156	I2	100 PF 10PC 100V MICA	
AA	1283.000.0	EB025 035				2	1	FH0000000		FEED THROUGH HOLE	
	001.0	EB022 032	R		2			0223401	I1	4.7K OHM 5PC 1/2W	
	002.0	EB021 032	R				1		O1		
	003.0	EB019 033	C				1	0804156	I2	100 PF 10PC 100V MICA	T P6-P. CIA9
AA	1284.000.0	EB022 028	R		2		1	0223326	I1	15K OHM 5PC 1/2W	T P6-E. CD22
	001.0	EB021 028	R				1		O1		
	002.0	EB021 029	C				1	0804156		100 PF 10PC 100V MICA	

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	003.0	EB022 029	C						I2		
AA	1285.000.0	EB019 030	R				1	0223326	I1	15K OHM 5PC 1/2W	
	001.0	EB020 030	R						O1		
	002.0	EB019 029	C					0804156	I2	100 PF 10PC 100V MICA	
AB	1290.000.0	EB025 028	D			A		0223292	S1	1N662	INPUT
	001.0	EB025 027	D			A		0223292	S2	1N662	INPUT
	002.0	EB025 026	D			A	1	0223292	S3	1N662	INPUT
	003.0	EB026 025	R		2			0804037		330 OHM 5PC 1/2W	
	004.0	EB025 024	R					0223328		33K OHM 5PC 1/2W	BIAS +6V
	005.0	EB025 022	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	006.0	EB026 021	D			A	2	0223292		1N662	CLAMP
	007.0	EB026 020	Q			B	1	0804111		2N2635	
	008.0	EB025 020	R				1	0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	010.1	EB211 075	Q			B	1 1	0804008		2N1304	EF
	010.3					E	1				
	011.0	EB026 019	R		2			0223253	O2	2.2K OHM 5PC 1/2W	LOAD -12V
	012.0						1				
	013.0	EB024 028	D			A	2	0223292	R4	1N662	INPUT
	014.0	EB024 027	D			A	2 1	0223292	R5	1N662	INPUT
	015.0	EB024 026	D			A	2 1	0223292	R6	1N662	INPUT
	016.0	EB023 025	R					0804037		330 OHM 5PC 1/2W	
	017.0	EB024 024	R		2			0223328		33K OHM 5PC 1/2W	BIAS +6V
	018.0	EB024 022	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	019.0	EB024 021	D			A	2 1	0223292		1N662	CLAMP
	020.0	EB024 020	Q			B	1 1	0804111		2N2635	
	021.0					C	1				
	022.0	EB024 020	R		2			0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	023.0	EB023 020	Q			B		0804008		2N1304	EF
	024.0					E	1				
	025.0	EB024 019	R		2		1	0223253	O1	2.2K OHM 5PC 1/2W	LOAD -12V
AA	1291.000.0	EB026 029	R		2		1	0223326	I1	15K OHM 5PC 1/2W	F P6-B. ASA13
	001.0	EB025 029	R						O1		
	002.0	EB025 030	C					0804156		100 PF 10PC 100V MICA	
	003.0	EB026 030	C						I2		
AA	1292.000.0	EB194 125				3	1	FH0000000		FEED THROUGH HOLE	T P6-4. CD11
	001.0	EB023 031	R				1	0223326	I1	15K OHM 5PC 1/2W	
	002.0	EB024 031	R				1		O1		
	003.0	EB023 032	C					0804156	I2	100 PF 10PC 100V MICA	
	004.0						1				
AA	1293.000.0	EB093 125				3	1	FH0000000		FEED THROUGH HOLE	
	001.0	EB026 034	R		2			0223401	I1	4.7K OHM 5PC 1/2W	T P6-3. CA52
	002.0	EB025 034	R				1		O1		
	003.0	EB025 033	C					0804156	I2	100 PF 10PC 100V MICA	
AA	1294.000.0	EB023 029	R				1	0223326	I1	15K OHM 5PC 1/2W	F P6-D. ARA13
	001.0	EB024 029	R						O1		
	002.0	EB023 030	C					0804156	I2	100 PF 10PC 100V MICA	
AA	1295.000.0	EB026 031	R		2		1	0223326	I1	15K OHM 5PC 1/2W	T P6-A. CD12
	001.0	EB025 031	R				1		O1		
	002.0	EB025 032	C					0804156	I2	100 PF 10PC 100V MICA	
AA	1296.000.0	EB023 034	R					0223401	I1	4.7K OHM 5PC 1/2W	
	001.0	EB024 034	R				1		O1		
	002.0	EB023 033	C					0804156	I2	100 PF 10PC 100V MICA	
	003.0						1				
AC	1300.000.0	EB009 012	D			A		0223292	S1	1N662	INPUT
	001.0	EB009 010	D			A	1	0223292	S2	1N662	INPUT
	002.0	EB009 011	D			A		0223292	S3	1N662	INPUT
	003.0	EB009 009	D			A	1	0223292	S4	1N662	INPUT
	004.0	EB010 008	R		2			0804037		330 OHM 5PC 1/2W	

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	005.0	EB009 007	R					0223328		33K OHM 5PC 1/2W	BIAS +6V
	006.0	EB009 005	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	007.0						1				
	008.0	EB010 004	D		A	2	1	0223292		1N662	CLAMP
	009.0	EB010 003	Q		B	1	1	0804111		2N2635	
	010.0	EB009 002	R				1	0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	011.0	EB009 003	Q		B		1	0804008		2N1304	EF
	012.0	EB010 003	R			2	1	0223253	O2	2.2K OHM 5PC 1/2W	LOAD -12V
	013.0	EB008 014	D		A	2		0223292	R5	1N662	INPUT
	014.0	EB008 009	D		A	2	1	0223292	R6	1N662	INPUT
	015.0	EB008 010	D		A	2	1	0223292	R7	1N662	INPUT
	016.0	EB007 034	D		A			0223292	R8	1N662	INPUT
	017.0				C		1				
	018.0	EB075 049				3	1	FH0000000		FEED THROUGH HOLE	
	019.0	EB007 008	R					0804037		330 OHM 5PC 1/2W	
	020.0	EB008 007	R			2		0223328		33K OHM 5PC 1/2W	BIAS +6V
	021.0	EB008 005	R			2	1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	022.0	EB008 004	D		A	2	1	0223292		1N662	CLAMP
	023.0	EB008 003	Q		B	1	1	0804111		2N2635	
	024.0				C		1				
	025.0	EB008 002	R			2	1	0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	026.0	EB007 003	Q		B			0804008		2N1304	EF
	027.0				E		1				
	028.0	EB007 003	R				1	0223253	O1	2.2K OHM 5PC 1/2W	LOAD -12V
AB	1301.000.0	FB150 003				3	1	FH0000000		FEED THROUGH HOLE	
	001.0	EB084 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	EB010 013	R		2		1	0223401	I1	4.7K OHM 5PC 1/2W	
	003.0	EB009 013	R						O1		
	004.0	EB007 011	C					0804156	I2	100 PF 10PC 100V MICA	
AA	1302.000.0	EB007 018	R				1	0223326	I1	15K OHM 5PC 1/2W	
	001.0	EB008 018	R						O1		
	002.0	EB009 017	C				1	0804156		100 PF 10PC 100V MICA	
	003.0	EB010 017	C						I2		
AA	1303.000.0	EB010 015	R		2		1	0223326	I1	15K OHM 5PC 1/2W	
	001.0	EB009 015	R						O1		
	002.0	EB009 014	C					0804156		100 PF 10PC 100V MICA	
	003.0	EB010 014	C						I2		
AA	1304.000.0	EB010 018	R		2		1	0804048	I1	68K OHM 5PC 1/2W	F P7-D. XB597
	001.0	EB009 018	R				1		O1		
	002.0	EB011 018	C					0804159		330 PF 10PC 100V MICA	
	003.0	EB012 018	C						I2		
AA	1305.000.0	EB090 003				3	1	FH0000000		FEED THROUGH HOLE	
	001.0	FB144 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	FB168 003				3	1	FH0000000		FEED THROUGH HOLE	
	003.0	EB066 003				3	1	FH0000000		FEED THROUGH HOLE	
	004.0	EB007 012	R				1	0223401	I1	4.7K OHM 5PC 1/2W	
	005.0	EB008 012	R						O1		
	006.0	EB007 013	C					0804156	I2	100 PF 10PC 100V MICA	
AA	1306.000.0	EB010 016	R		2		1	0223326	I1	15K OHM 5PC 1/2W	
	001.0	EB009 016	R						O1		
	002.0	FB177 003				3	1	FH0000000		FEED THROUGH HOLE	
	003.0	EB057 003				3	1	FH0000000		FEED THROUGH HOLE	
	004.0	EB007 017	C				1	0804156	I2	100 PF 10PC 100V MICA	
	005.0						1				
AB	1307.000.0	EB007 016	R					0223326	I1	15K OHM 5PC 1/2W	
	001.0	EB008 016	R				1		O1		
	002.0	FB189 003				3	1	FH0000000		FEED THROUGH HOLE	
	003.0	EB045 003				3	1	FH0000000		FEED THROUGH HOLE	
	004.0	FB176 007	S	1	1			0803214		TEST POINT	CRD9

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
AB	1307.006.0	FB174 003				3	1	FH0000000		FEED THROUGH HOLE	
	007.0	EB060 003				3	1	FH0000000		FEED THROUGH HOLE	
	008.0	EB007 015	C				1	0804156	I2	100 PF 10PC 100V MICA	
	009.0						1				
AA	1308.000.0	EB010 034	R		2		1	0804044	I1	22K OHM 5PC 1/2W	F P7-C, CED55
	001.0	EB009 034	R				1		O1		
	002.0	EB009 035	C				1	0804159	I2	330 PF 10PC 100V MICA	F P7-H, HOME1
	003.0	EB008 036	R		2		1	0804048		68K OHM 5PC 1/2W	LOAD -12V
	004.0						1				F P7-12, -12V
AA	1310.000.0	EB013 011	D	A				0223292	S1	1N662	INPUT
	001.0	EB013 010	D	A			1	0223292	S2	1N662	INPUT
	002.0	EB013 009	D	A			1	0223292	S3	1N662	INPUT
	003.0	EB014 008	R		2			0804037		330 OHM 5PC 1/2W	
	004.0	EB014 007	R		2		1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	005.0	EB013 005	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	006.0						1				
	007.0	EB014 004	D	A	2		1	0223292		1N662	CLAMP
	008.0	EB014 003	Q	B	1		1	0804111		2N2635	
	009.0	EB013 002	R					0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	010.0	EB013 003	Q	B			1	0804008		2N1304	EF
	011.0	EB014 003	R		2		1	0223253	O2	2.2K OHM 5PC 1/2W	LOAD -12V
	012.0	EB012 010	D	A	2			0223292	R4	1N662	INPUT
	013.0	EB012 009	D	A	2		1	0223292	R5	1N662	INPUT
	014.0	EB012 011	D	A	2		1	0223292	R6	1N662	INPUT
	015.0	EB011 008	R					0804037		330 OHM 5PC 1/2W	
	016.0	EB012 007	R		2			0223328		33K OHM 5PC 1/2W	BIAS +6V
	017.0	EB012 005	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	018.0	EB012 004	D	A	2		1	0223292		1N662	CLAMP
	019.0	EB012 003	Q	B	1		1	0804111		2N2635	
	020.0			C			1				
	021.0	EB012 002	R		2		1	0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	022.0	EB011 003	Q	B				0804008		2N1304	EF
	023.0			E			1				
	024.0	EB011 003	R				1	0223253	O1	2.2K OHM 5PC 1/2W	LOAD -12V
AB	1311.000.0	FB117 003				3	1	FH0000000		FEED THROUGH HOLE	
	001.0	EB117 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	EB014 012	R		2		1	0223401	I1	4.7K OHM 5PC 1/2W	
	003.0	EB013 012	R						O1		
	004.0	FB168 007	S	1	1			0803214		TEST POINT	C1D9
	006.0	FB123 003				3	1	FH0000000		FEED THROUGH HOLE	
	007.0	EB111 003				3	1	FH0000000		FEED THROUGH HOLE	
	008.0	EB013 013	C					0804156		100 PF 10PC 100V MICA	
	009.0	EB014 013	C				1		I2		
AA	1312.000.0	EB012 017	R		2		1	0223326	I1	15K OHM 5PC 1/2W	
	001.0	EB011 017	R						O1		
	002.0	EB011 016	C					0804156	I2	100 PF 10PC 100V MICA	
	003.0						1				
AC	1313.000.0	EB124 128				3	1	FH0000000		FEED THROUGH HOLE	F P6-22, XB487
	001.0	EB014 016	R		2		1	0804048	I1	68K OHM 5PC 1/2W	
	002.0	EB013 016	R				1		O1		
	003.0	EB013 017	C				1	0804159		330 PF 10PC 100V MICA	
	004.0	EB014 017	C						I2		
AA	1314.000.0	EB011 015	R				1	0223401	I1	4.7K OHM 5PC 1/2W	
	001.0	EB012 015	R				1		O1		
	002.0	EB011 013	C					0804156	I2	100 PF 10PC 100V MICA	
	003.0						1				
AC	1315.000.0	EB014 014	R		2		1	0223326	I1	15K OHM 5PC 1/2W	
	001.0	EB013 014	R				1		O1		
	002.0	EB013 015	C				1	0804156		100 PF 10PC 100V MICA	

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	003.0	EB014 015	C						I2		
AA	1316,000.0	EB011 012	R				1	0223326	I1	15K OHM 5PC 1/2W	
	001.0	EB012 012	R				1		O1		
AC	1316,002.0	EB011 014	C					0804156	I2	100 PF 10PC 100V MICA	
	003.0						1				
AB	1320,000.0	EB017 011	D			A		0223292	S1	1N662	INPUT
	001.0	EB017 010	D			A	1	0223292	S2	1N662	INPUT
	002.0	EB017 009	D			A	1	0223292	S3	1N662	INPUT
	003.0	EB018 008	R		2			0804037		330 OHM 5PC 1/2W	
	004.0	EB017 007	R					0223328		33K OHM 5PC 1/2W	BIAS +6V
	005.0	EB017 005	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	006.0						1				
	007.0	EB018 004	D		A	2	1	0223292		1N662	CLAMP
	008.0	EB018 003	Q		B	1	1	0804111		2N2635	
	009.0	EB017 002	R					0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	010.0	EB017 003	Q		B		1	0804008		2N1304	EF
	011.0	EB018 003	R			2	1	0223253	O2	2.2K OHM 5PC 1/2W	LOAD -12V
	012.0	EB016 010	D		A	2	1	0223292	R4	1N662	INPUT
	013.0	EB016 009	D		A	2	1	0223292	R5	1N662	INPUT
	014.0	EB016 011	D		A	2	1	0223292	R6	1N662	INPUT
	015.0	EB015 008	R					0804037		330 OHM 5PC 1/2W	
	016.0	EB016 007	R			2		0223328		33K OHM 5PC 1/2W	BIAS +6V
	017.0	EB016 005	R			2	1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	018.0	EB016 004	D		A	2	1	0223292		1N662	CLAMP
	019.0	EB016 003	Q		B	1	1	0804111		2N2635	
	020.0				C		1				
	021.0	EB016 002	R			2	1	0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	022.0	EB015 003	Q		B			0804008		2N1304	EF
	023.0				E		1				
	024.0	EB015 003	R				1	0223253	O1	2.2K OHM 5PC 1/2W	LOAD -12V
AA	1321,000.0	EB018 012	R			2		0223401	I1	4.7K OHM 5PC 1/2W	
	001.0	EB017 012	R						O1		
	002.0	EB017 013	C					0804156		100 PF 10PC 100V MICA	
	003.0	EB018 013	C						I2		
AA	1322,000.0	EB016 017	R			2	1	0223326	I1	15K OHM 5PC 1/2W	
	001.0	EB015 017	R						O1		
	002.0	EB015 016	C					0804156	I2	100 PF 10PC 100V MICA	
	003.0						1				
AA	1323,000.0	EB018 016	R			2	1	0804048	I1	68K OHM 5PC 1/2W	F P6-S. XB377
	001.0	EB017 016	R				1		O1		
	002.0	EB017 017	C				1	0804159		330 PF 10PC 100V MICA	
	003.0	EB018 017	C				1		I2		F P6-T. ME1L3
AA	1324,000.0	EB015 015	R				1	0223401	I1	4.7K OHM 5PC 1/2W	
	001.0	EB016 015	R				1		O1		
	002.0	EB015 013	C					0804156	I2	100 PF 10PC 100V MICA	
	003.0						1				
AA	1325,000.0	EB018 014	R			2	1	0223326	I1	15K OHM 5PC 1/2W	
	001.0	EB017 014	R				1		O1		
	002.0	EB017 015	C				1	0804156		100 PF 10PC 100V MICA	
	003.0	EB018 015	C				1		I2		F P6-U. SAD9
AA	1326,000.0	EB015 012	R				1	0223326	I1	15K OHM 5PC 1/2W	
	001.0	EB016 012	R				1		O1		
	002.0	EB015 014	C					0804156		100 PF 10PC 100V MICA	
	003.0	EB016 014	C				1		I2		
AA	1330,000.0	EB021 011	D		A			0223292	S1	1N662	INPUT
	001.0	EB021 010	D		A		1	0223292	S2	1N662	INPUT
	002.0	EB021 009	D		A		1	0223292	S3	1N662	INPUT

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	003.0	EB022 008	R		2			0804037		330 OHM 5PC 1/2W	
	004.0	EB021 007	R					0223328		33K OHM 5PC 1/2W	BIAS +6V
	005.0	EB021 005	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	006.0						1				
	007.0	EB022 004	D	A	2		1	0223292		1N662	CLAMP
	008.0	EB022 003	Q	B	1		1	0804111		2N2635	
	009.0	EB021 002	R					0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	010.0	EB021 003	Q	B			1	0804008		2N1304	EF
	011.0	EB022 003	R		2		1	0223253	O2	2.2K OHM 5PC 1/2W	LOAD -12V
	012.0	EB020 010	D	A	2		1	0223292	R4	1N662	INPUT
	013.0	EB020 009	D	A	2		1	0223292	R5	1N662	INPUT
	014.0	EB020 011	D	A	2		1	0223292	R6	1N662	INPUT
	015.0	EB019 008	R					0804037		330 OHM 5PC 1/2W	
	016.0	EB020 007	R		2			0223328		33K OHM 5PC 1/2W	BIAS +6V
	017.0	EB020 005	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	018.0	EB020 004	D	A	2		1	0223292		1N662	CLAMP
	019.0	EB020 003	Q	B	1		1	0804111		2N2635	
	020.0	EB		C			1				
	021.0	EB020 002	R		2		1	0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	022.0	EB019 003	Q	B				0804008		2N1304	EF
	023.0			E			1				
	024.0	EB019 003	R				1	0223253	O1	2.2K OHM 5PC 1/2W	LOAD -12V
AA	1331.000.0	EB022 012	R		2			0223401	I1	4.7K OHM 5PC 1/2W	
	001.0	EB021 012	R						O1		
	002.0	EB021 013	C					0804156		100 PF 10PC 100V MICA	
	003.0	EB022 013	C						I2		
AB	1332.000.0	EB020 017	R		2		1	0223326	I1	15K OHM 5PC 1/2W	
	001.0	EB019 017	R						O1		
	002.0	EB019 016	C					0804156		100 PF 10PC 100V MICA	
	003.0	EB020 016	C				1		I2		
AA	1333.000.0	EB022 016	R		2		1	0804048	I1	68K OHM 5PC 1/2W	F P6-F. XB267
	001.0	EB021 016	R				1		O1		
	002.0	EB021 017	C				1	0804159		330 PF 10PC 100V MICA	
	003.0	EB022 017	C						I2		
AA	1334.000.0	EB019 015	R				1	0223401	I1	4.7K OHM 5PC 1/2W	
	001.0	EB020 015	R				1		O1		
	002.0	EB019 013	C					0804156	I2	100 PF 10PC 100V MICA	
	003.0						1				
AA	1335.000.0	EB022 014	R		2		1	0223326	I1	15K OHM 5PC 1/2W	
	001.0	EB021 014	R				1		O1		
	002.0	EB021 015	C				1	0804156		100 PF 10PC 100V MICA	
	003.0	EB022 015	C						I2		
AA	1336.000.0	EB019 012	R				1	0223326	I1	15K OHM 5PC 1/2W	
	001.0	EB020 012	R				1		O1		
	002.0	EB019 014	C					0804156	I2	100 PF 10PC 100V MICA	
	003.0						1				
AB	1340.000.0	EB025 011	D	A				0223292	S1	1N662	INPUT
	001.0	EB025 010	D	A			1	0223292	S2	1N662	INPUT
	002.0	EB025 009	D	A			1	0223292	S3	1N662	INPUT
	003.0	EB026 008	R		2			0804037		330 OHM 5PC 1/2W	
	004.0	EB025 007	R					0223328		33K OHM 5PC 1/2W	BIAS +6V
	005.0	EB025 005	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	006.0						1				
	007.0	EB026 004	D	A	2		1	0223292		1N662	CLAMP
	008.0	EB026 003	Q	B	1		1	0804111		2N2635	
	009.0	EB025 002	R					0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	010.0	EB025 003	Q	B			1	0804008		2N1304	EF
	011.0	EB026 003	R		2		1	0223253	O2	2.2K OHM 5PC 1/2W	LOAD -12V
	012.0	EB024 010	D	A	2			0223292	R4	1N662	INPUT
	013.0	EB024 009	D	A	2		1	0223292	R5	1N662	INPUT

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	014.0	EB024 011	D	A	2			0223292	R6	1N662	INPUT
	015.0	EB023 008	R					0804037		330 OHM 5PC 1/2W	
	016.0	EB024 007	R		2			0223328		33K OHM 5PC 1/2W	BIAS +6V
	017.0	EB024 005	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	018.0	EB024 004	D	A	2		1	0223292		1N662	CLAMP
	019.0	EB024 003	Q	B	1		1	0804111		2N2635	
	020.0			C			1				
	021.0	EB024 002	R		2		1	0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	022.0	EB023 003	Q	B				0804008		2N1304	EF
	023.0			E			1				
	024.0	EB023 003	R				1	0223253	O1	2.2K OHM 5PC 1/2W	LOAD -12V
AA	1341.000.0	EB026 012	R		2			0223401	I1	4.7K OHM 5PC 1/2W	
	001.0	EB025 012	R						O1		
	002.0	EB025 013	C					0804156		100 PF 10PC 100V MICA	
	003.0	EB026 013	C						I2		
AA	1342.000.0	EB024 017	R		2		1	0223326	I1	15K OHM 5PC 1/2W	
	001.0	EB023 017							O1		
	002.0	EB023 016	C					0804156	I2	100 PF 10PC 100V MICA	
	003.0						1				
AA	1343.000.0	EB026 016	R		2		1	0804048	I1	68K OHM 5PC 1/2W	F P6-C. XB157
	001.0	EB025 016	R				1		O1		
	002.0	EB025 017	C				1	0804159		330 PF 10PC 100V MICA	
	003.0	EB026 017	C						I2		
AA	1344.000.0	EB023 015	R				1	0223401	I1	4.7K OHM 5PC 1/2W	
	001.0	EB024 015	R						O1		
	002.0	EB023 013	C					0804156	I2	100 PF 10PC 100V MICA	
AA	1345.000.0	EB026 014	R		2		1	0223326	I1	15K OHM 5PC 1/2W	
	001.0	EB025 014	R				1		O1		
	002.0	EB025 015	C				1	0804156		100 PF 10PC 100V MICA	
	003.0	EB026 015	C						I2		
AA	1346.000.0	EB023 012	R				1	0223326	I1	15K OHM 5PC 1/2W	
	001.0	EB024 012	R						O1		
	002.0	EB023 014	C					0804156	I2	100 PF 10PC 100V MICA	
AB	1350.000.0	FB019 012	D	A				0223292	S1	1N662	INPUT
	001.0	FB019 013	D	A			1	0223292	S2	1N662	INPUT
	002.0	FB020 014	R		2			0804037		330 OHM 5PC 1/2W	
	003.0	FB019 015	R					0223328		33K OHM 5PC 1/2W	BIAS +6V
	004.0	FB020 017	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	005.0	FB018 018	D	A	2		1	0223292		1N662	CLAMP
	006.0	FB018 018	Q	B	3		1	0804111		2N2635	
	007.0	FB017 019	R				1	0804041	O2	1.5K OHM 5PC 1/2W	LOAD -12V
	008.0	FB018 012	D	A	2			0223292	R3	1N662	INPUT
	009.0	FB018 013	D	A	2		1	0223292	R4	1N662	INPUT
	010.0	FB018 014	R		2		1	0804037		330 OHM 5PC 1/2W	
	011.0	FB017 015	R				1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	012.0						1				
	013.0	FB018 017	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	014.0						1				
	015.0	FB019 018	D	A			1	0223292		1N662	CLAMP
	016.0	FB019 018	Q	B			1	0804111		2N2635	
	017.0	FB020 019	R		2		1	0804041	O1	1.5K OHM 5PC 1/2W	LOAD -12V
AC	1351.000.0	EB069 003				3	1	FH0000000		FEED THROUGH HOLE	
	001.0	FB165 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	FB020 010	R		2		1	0223326	I1	15K OHM 5PC 1/2W	
	003.0	FB019 010	R						O1		
	004.0	FB020 011	C		2			0804156	I2	100 PF 10PC 100V MICA	
AA	1352.000.0	FB020 008	R		2		1	0223326	I1	15K OHM 5PC 1/2W	
	001.0	FB019 008	R				1		O1		

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	002.0	FB020 009	C		2		1	0804156	I2	100 PF 10PC 100V MICA	
	003.0						1				
AA	1353.000.0	EB081 003					3 1	FH0000000		FEED THROUGH HOLE	
	001.0	FB153 003					3 1	FH0000000		FEED THROUGH HOLE	
	002.0	FB017 010	R				1	0223326	I1	15K OHM 5PC 1/2W	
	003.0	FB018 010	R						O1		
	004.0	FB018 011	C		2			0804156		100 PF 10PC 100V MICA	
	005.0	FB017 011	C						I2		
AA	1354.000.0	EB087 003					3 1	FH0000000		FEED THROUGH HOLE	
	001.0	FB147 003					3 1	FH0000000		FEED THROUGH HOLE	
	002.0	FB017 008	R				1	0223326	I1	15K OHM 5PC 1/2W	
	003.0	FB018 008	R				1		O1		
	004.0	FB018 009	C		2		1	0804156		100 PF 10PC 100V MICA	
	005.0	FB017 009	C						I2		
AA	1360.000.0	FB015 012	D			A		0223292	S1	1N662	INPUT
	001.0	FB015 013	D			A	1	0223292	S2	1N662	INPUT
	002.0	FB016 014	R		2			0804037		330 OHM 5PC 1/2W	
	003.0	FB015 015	R					0223328		33K OHM 5PC 1/2W	BIAS +6V
	004.0	FB016 017	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	005.0	FB014 018	D			A	2 1	0223292		1N662	CLAMP
	006.0	FB014 018	Q			B	3 1	0804111		2N2635	
	007.0	FB013 019	R				1	0804041	O2	1.5K OHM 5PC 1/2W	LOAD -12V
	008.0	FB014 012	D			A	2	0223292	R3	1N662	INPUT
	009.0	FB014 013	D			A	2 1	0223292	R4	1N662	INPUT
	010.0	FB013 014	R					0804037		330 OHM 5PC 1/2W	
	011.0	FB013 015	R				1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	012.0						1				
	013.0	FB014 017	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	014.0						1				
	015.0	FB015 018	D			A	1	0223292		1N662	CLAMP
	016.0	FB015 018	Q			B	1	0804111		2N2635	
	017.0	FB016 019	R		2		1	0804041	O1	1.5K OHM 5PC 1/2W	LOAD -12V
AA	1361.000.0	EB108 003					3 1	FH0000000		FEED THROUGH HOLE	
	001.0	FB126 003					3 1	FH0000000		FEED THROUGH HOLE	
	002.0	FB016 010	R		2		1	0223326	I1	15K OHM 5PC 1/2W	
	003.0	FB015 010	R						O1		
	004.0	FB016 011	C		2			0804156	I2	100 PF 10PC 100V MICA	
AA	1362.000.0	EB093 003					3 1	FH0000000		FEED THROUGH HOLE	
	001.0	FB141 003					3 1	FH0000000		FEED THROUGH HOLE	
	002.0	FB016 008	R		2		1	0223326	I1	15K OHM 5PC 1/2W	
	003.0	FB015 008	R				1		O1		
	004.0	FB016 009	C		2			0804156	I2	100 PF 10PC 100V MICA	
	005.0						1				
AA	1363.000.0	EB114 003					3 1	FH0000000		FEED THROUGH HOLE	
	001.0	FB120 003					3 1	FH0000000		FEED THROUGH HOLE	
	002.0	FB013 010	R				1	0223326	I1	15K OHM 5PC 1/2W	
	003.0	FB014 010	R						O1		
	004.0	FB014 011	C		2			0804156		100 PF 10PC 100V MICA	
	005.0	FB013 011	C						I2		
AA	1364.000.0	EB120 003					3 1	FH0000000		FEED THROUGH HOLE	
	001.0	FB114 003					3 1	FH0000000		FEED THROUGH HOLE	
	002.0	FB013 008	R				1	0223326	I1	15K OHM 5PC 1/2W	
	003.0	FB014 008	R				1		O1		
	004.0	FB014 009	C		2		1	0804156		100 PF 10PC 100V MICA	
	005.0	FB013 009	C						I2		
AA	1370.000.0	FB011 012	D			A		0223292	S1	1N662	INPUT
	001.0	FB011 013	D			A	1	0223292	S2	1N662	INPUT
	002.0	FB012 014	R		2			0804037		330 OHM 5PC 1/2W	
	003.0	FB011 015	R					0223328		33K OHM 5PC 1/2W	BIAS +6V

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	004.0	FB012 017	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	005.0	FB010 018	D	A	2		1	0223292		1N662	CLAMP
	006.0	FB010 018	Q	B	3		1	0804111		2N2635	
	007.0	FB009 019	R				1	0804041	O2	1.5K OHM 5PC 1/2W	LOAD -12V
	008.0	FB010 012	D	A	2			0223292	R3	1N662	INPUT
	009.0	FB010 013	D	A	2		1	0223292	R4	1N662	INPUT
	010.0	FB010 014	R		2		1	0804037		330 OHM 5PC 1/2W	
	011.0	FB010 015	R		2		1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	012.0	FB010 017	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	013.0						1				
	014.0	FB011 018	D	A			1	0223292		1N662	CLAMP
	015.0	FB011 018	Q	B			1	0804111		2N2635	
	016.0	FB012 019	R		2		1	0804041	O1	1.5K OHM 5PC 1/2W	LOAD -12V
AA	1371.000.0	EB138 003				3	1	FH0000000		FEED THROUGH HOLE	
	001.0	FB096 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	FB012 010	R		2		1	0223326	I1	15K OHM 5PC 1/2W	
	003.0	FB011 010	R						O1		
	004.0	FB012 011	C		2			0804156	I2	100 PF 10PC 100V MICA	
AA	1372.000.0	EB123 003				3	1	FH0000000		FEED THROUGH HOLE	
	001.0	FB111 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	FB012 008	R		2		1	0223326	I1	15K OHM 5PC 1/2W	
	003.0	FB011 008	R				1		O1		
	004.0	FB012 009	C		2			0804156	I2	100 PF 10PC 100V MICA	
	005.0						1				
AA	1373.000.0	EB150 003				3	1	FH0000000		FEED THROUGH HOLE	
	001.0	FB084 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	FB009 010	R				1	0223326	I1	15K OHM 5PC 1/2W	
	003.0	FB010 010	R						O1		
	004.0	FB010 011	C		2			0804156		100 PF 10PC 100V MICA	
	005.0	FB009 011	C						I2		
AB	1374.000.0	EB156 003				3	1	FH0000000		FEED THROUGH HOLE	
	001.0	FB078 003				3	1	FH0000000		FEED THROUGH HOLE	
	003.2	FB009 008	R				1	0223326	I1	15K OHM 5PC 1/2W	
	003.4	FB010 008	R				1		O1		
	004.0	FB010 009	C		2		1	0804156		100 PF 10PC 100V MICA	
	005.0	FB009 009	C						I2		
AA	1380.000.0	FB007 012	D	A				0223292	S1	1N662	INPUT
	001.0	FB007 013	D	A			1	0223292	S2	1N662	INPUT
	002.0	FB008 014	R		2			0804037		330 OHM 5PC 1/2W	
	003.0	FB007 015	R					0223328		33K OHM 5PC 1/2W	BIAS +6V
	004.0	FB008 017	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	005.0	FB006 018	D	A	2		1	0223292		1N662	CLAMP
	006.0	FB006 018	Q	B	3		1	0804111		2N2635	
	007.0	FB005 019	R				1	0804041	O2	1.5K OHM 5PC 1/2W	LOAD -12V
	008.0	FB006 012	D	A	2			0223292	R3	1N662	INPUT
	009.0			C			1				
	010.0	FB006 013	D	A	2		1	0223292	R4	1N662	INPUT
	011.0			C			1				
	012.0	FB006 007	D	A	2		1	0223292	R5	1N662	INPUT
	013.0			C			1				
	014.0	FB005 014	R				1	0804037		330 OHM 5PC 1/2W	
	015.0						1				
	016.0	FB006 015	R		2		1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	017.0	FB006 017	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	018.0						1				
	019.0	FB007 018	D	A			1	0223292		1N662	CLAMP
	020.0	FB007 018	Q	B			1	0804111		2N2635	
	021.0	FB008 019	R		2		1	0804041	O1	1.5K OHM 5PC 1/2W	LOAD -12V
	022.0						1				
AA	1381.000.0	EB171 003				3	1	FH0000000		FEED THROUGH HOLE	
	001.0	FB063 003				3	1	FH0000000		FEED THROUGH HOLE	

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
AA	1381.002.0	FB008 010	R		2		1	0223326	I1	15K OHM 5PC 1/2W	
	003.0	FB007 010	R						O1		
	004.0	FB008 011	C		2			0804156	I2	100 PF 10PC 100V MICA	
AA	1382.000.0	EB159 003				3	1	FH0000000		FEED THROUGH HOLE	
	001.0	FB075 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	FB008 008	R		2		1	0223326	I1	15K OHM 5PC 1/2W	
	003.0	FB007 008	R				1		O1		
	004.0	FB008 009	C		2			0804156	I2	100 PF 10PC 100V MICA	
	005.0						1				
AA	1383.000.0	EB180 003				3	1	FH0000000		FEED THROUGH HOLE	
	001.0	FB054 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	FB005 010	R				1	0223326	I1	15K OHM 5PC 1/2W	
	003.0	FB006 010	R						O1		
	004.0	FB006 011	C		2			0804156		100 PF 10PC 100V MICA	
	005.0	FB005 011	C						I2		
AA	1384.000.0	EB183 003				3	1	FH0000000		FEED THROUGH HOLE	
	001.0	FB051 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	FB005 008	R				1	0223326	I1	15K OHM 5PC 1/2W	
	003.0	FB006 008	R				1		O1		
	004.0	FB006 009	C		2		1	0804156		100 PF 10PC 100V MICA	
	005.0	FB005 009	C						I2		
AA	1385.000.0	EB177 003				3	1	FH0000000		FEED THROUGH HOLE	F P6-M. TC13
	001.0	FB057 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	FB007 007	R				1	0223328	I2	33K OHM 5PC 1/2W	
	003.0	FB008 007	R						O1		
	004.0	FB006 006	C		2		1	0804157		150 PF 10PC 100V MICA	
	005.0	FB005 006	C						I1		
AA	1390.000.0	FB003 012	D		A			0223292	S1	1N662	INPUT
	001.0	FB003 013	D		A			0223292	S2	1N662	INPUT
	002.0	FB004 014	R			2		0804037		330 OHM 5PC 1/2W	
	003.0	FB003 015	R					0223328		33K OHM 5PC 1/2W	BIAS +6V
	004.0	FB004 017	R			2	1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	005.0	FB002 018	D		A	2	1	0223292		1N662	CLAMP
	006.0	FB002 018	Q		B	3	1	0804111		2N2635	
	007.0	FB001 019	R				1	0804041	O2	1.5K OHM 5PC 1/2W	LOAD -12V
	008.0	FB002 012	D		A	2		0223292	R3	1N662	INPUT
	009.0	FB002 013	D		A	2		0223292	R4	1N662	INPUT
	010.0	FB002 007	D		A	2		0223292	R5	1N662	INPUT
	011.0	FB002 014	R			2	1	0804037		330 OHM 5PC 1/2W	
	012.0	FB002 015	R			2	1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	013.0	FB002 017	R			2	1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	014.0						1				
	015.0	FB003 018	D		A		1	0223292		1N662	CLAMP
	016.0	FB003 018	Q		B		1	0804111		2N2635	
	017.0	FB004 019	R			2	1	0804041	O1	1.5K OHM 5PC 1/2W	LOAD -12V
AB	1391.000.0	EB204 003				3	1	FH0000000		FEED THROUGH HOLE	
	001.0	FB030 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	FB004 010	R		2		1	0223326	I1	15K OHM 5PC 1/2W	
	003.0	FB003 010	R						O1		
	004.0	FB004 011	C		2			0804156	I2	100 PF 10PC 100V MICA	
AA	1392.000.0	EB186 003				3	1	FH0000000		FEED THROUGH HOLE	
	001.0	FB048 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	FB004 008	R		2		1	0223326	I1	15K OHM 5PC 1/2W	
	003.0	FB003 008	R						O1		
	004.0	FB004 009	C		2			0804156	I2	100 PF 10PC 100V MICA	
AA	1393.000.0	EB216 003				3	1	FH0000000		FEED THROUGH HOLE	
	001.0	FB018 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	FB001 010	R				1	0223326	I1	15K OHM 5PC 1/2W	
	003.0	FB002 010	R						O1		

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
AA	1393.004.0	FB002 011	C		2			804156		100 PF 10PC 100V MICA	
	005.0	FB001 011	C						I2		
AA	1394.000.0	EB 19 03				3	1	FH 000000		FEED THROUGH HOLE	
	001.0	FB 15 03				3	1	FH 000000		FEED THROUGH HOLE	
	002.0	FB001 008	R				1	223326	I1	15K OHM 5PC 1/2W	
	003.0	FB002 008	R						O1		
	004.0	FB002 009	C		2			804156		100 PF 10PC 100V MICA	
	005.0	FB001 009	C						I2		
AA	1395.000.0	FB004 007	R		2			223328	I2	33K OHM 5PC 1/2W	
	001.0	FB003 007	R						O1		
	002.0	FB002 006	C		2			804157		150 PF 10PC 100V MICA	
	003.0	FB001 006							I1		
AB	1400.000.0	FB019 025	D	A			1	223292	S1	1N662	INPUT
	001.0			C			1				
	002.0	FB019 024	D	A				223292	S2	1N662	INPUT
	003.0			C		1					
	004.0	FB019 028	D	A			1	223292	S3	1N662	INPUT
	005.0			C		1					
	006.0	FB020 029	R		2		1	804037		330 OHM 5PC 1/2W	
	007.0	FB019 030	R					223328		33K OHM 5PC 1/2W	BIAS +6V
	008.0	FB020 032	R		2		1	223353		8.2K OHM 5PC 1/2W	COUPLING
	009.0	FB018 033	D	A	2		1	223292		1N662	CLAMP
	010.0	FB018 033	Q	B	3		1	804111		2N2635	
	011.0	FB017 034	R				1	804041	O2	1.5K OHM 5PC 1/2W	LOAD -12V
	016.0	FB018 026	D	A	2		1	223292	R6	1N662	INPUT
	017.0			C			1				
	018.0	FB017 029	R				1	804037		330 OHM 5PC 1/2W	
	019.0	FB017 030	R				1	223328		33K OHM 5PC 1/2W	BIAS +6V
	020.0						1				
	021.0	FB018 032	R		2		1	223353		8.2K OHM 5PC 1/2W	COUPLING
	022.0						1				
	023.0	FB019 033	D	A			1	223292		1N662	CLAMP
	024.0	FB019 033	Q	B			1	804111		2N2635	
	025.0	FB020 034	R		2		1	804041	O1	1.5K OHM 5PC 1/2W	LOAD -12V
AA	1401.000.0	FB020 020	R		2		1	223326	I1	15K OHM 5PC 1/2W	
	001.0	FB019 020	R				1		O1		
	002.0	FB020 021	C		2		1	804156	I2	100 PF 10PC 100V MICA	
	003.0						1				
AA	1402.000.0	FB020 022	R		2		1	223326	I1	15K OHM 5PC 1/2W	
	001.0	FB019 022	R						O1		
	002.0	FB020 023	C		2			804156	I2	100 PF 10PC 100V MICA	
AA	1403.000.0	FB020 026	R		2			223401	I1	4.7K OHM 5PC 1/2W	
	001.0	FB019 026	R				1		O1		
	002.0	FB018 026	C		2		1	804156		100 PF 10PC 100V MICA	
	003.0	FB017 026	C				1		I2		
AB	1406.000.0	FB020 027	R		2		1	223401	I1	4.7K OHM 5PC 1/2W	

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
AB	1406.001.0	FB019 027	R				1		O1		
	002.0	FB018 027	C		2		1	804156		100 PF 10PC 100V MICA	
	003.0	FB017 027	C				1		I2		
AB	1410.000.0	FB015 025	D			A	1	223292	S1	1N662	INPUT
	001.0					C	1				
	002.0	FB015 024	D			A		223292	S2	1N662	INPUT
	003.0					C	1				
	004.0	FB015 028	D			A	1	223292	S3	1N662	INPUT
	005.0					C	1				
	006.0	FB016 029	R		2		1	804037		330 OHM 5PC 1/2W	
	007.0	FB016 030	R		2		1	223328		33K OHM 5PC 1/2W	BIAS +6V
	008.0	FB016 032	R		2		1	223353		8.2K OHM 5PC 1/2W	COUPLING
	009.0	FB014 033	D	A	2		1	223292		1N662	CLAMP
	010.0	FB014 033	Q	B	3		1	804111		2N2635	
	011.0	FB013 034	R				1	804041	O2	1.5K OHM 5PC 1/2W	LOAD -12V
	016.0	FB014 028	D	A	2			223292	R6	1N662	INPUT
	017.0					C	1				
	018.0	FB013 029	R				1	804037		330 OHM 5PC 1/2W	
	019.0	FB014 030	R		2			223328		33K OHM 5PC 1/2W	BIAS +6V
	020.0	FB014 032	R		2		1	223353		8.2K OHM 5PC 1/2W	COUPLING
	021.0						1				
	022.0	FB015 033	D	A			1	223292		1N662	CLAMP
	023.0	FB015 033	Q	B			1	804111		2N2635	
	024.0	FB016 034	R		2		1	804041	O1	1.5K OHM 5PC 1/2W	LOAD -12V
AA	1411.000.0	FB016 020	R		2		1	223326	I1	15K OHM 5PC 1/2W	
	001.0	FB015 020	R				1		O1		
	002.0	FB016 021	C		2			804156	I2	100 PF 10PC 100V MICA	
	003.0						1				
AB	1412.000.0	FB016 022	R		2		1	223326	I1	15K OHM 5PC 1/2W	
	001.0	FB015 022	R						O1		
	002.0	FB016 023	C		2			804156	I2	100 PF 10PC 100V MICA	
AA	1413.000.0	FB016 026	R		2		1	223401	I1	4.7K OHM 5PC 1/2W	
	001.0	FB015 026	R				1		O1		
	002.0	FB014 026	C		2		1	804156		100 PF 10PC 100V MICA	
	003.0	FB013 026	C						I2		
AA	1416.000.0	FB016 027	R		2			223401	I1	4.7K OHM 5PC 1/2W	
	001.0	FB015 027	R						O1		
	002.0	FB014 027	C		2			804156		100 PF 10PC 100V MICA	
	003.0	FB013 027	C						I2		
AB	1420.000.0	FB011 025	D			A	1	223292	S1	1N662	INPUT
	001.0					C	1				
	002.0	FB011 024	D			A		223292	S2	1N662	INPUT
	003.0					C	1				
	004.0	FB011 028	D			A	1	223292	S3	1N662	INPUT
	005.0					C	1				
	006.0	FB012 029	R		2		1	804037		330 OHM 5PC 1/2W	
	007.0	FB011 030	R					223328		33K OHM 5PC 1/2W	BIAS +6V

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
AB	1420,008.0	FB012 032	R		2		1	223353		8.2K OHM 5PC 1/2W	COUPLING
	009.0	FB010 033	D	A	2		1	223292		1N662	CLAMP
	010.0	FB010 033	Q	B	3		1	804111		2N2635	
	011.0	FB009 034	R				1	804041	O2	1.5K OHM 5PC 1/2W	LOAD -12V
	016.0	FB010 028	D	A	2			223292	R6	1N662	INPUT
	017.0			C			1				
	018.0	FB010 029	R		2		1	804037		330 OHM 5PC 1/2W	
	019.0	FB009 030	R				1	223328		33K OHM 5PC 1/2W	BIAS +6V
	020.0						1				
	021.0	FB010 032	R		2		1	223353		8.2K OHM 5PC 1/2W	COUPLING
	022.0						1				
	023.0	FB011 033	D	A			1	223292		1N662	CLAMP
	024.0	FB011 033	Q	B			1	804111		2N2635	
	025.0	FB012 034	R		2		1	804041	O1	1.5K OHM 5PC 1/2W	LOAD -12V
AA	1421,000.0	FB012 020	R		2		1	223326	I1	15K OHM 5PC 1/2W	
	001.0	FB011 020	R				1		O1		
	002.0	FB012 021	C		2			804156	I2	100 PF 10PC 100V MICA	
	003.0						1				
AA	1422,000.0	FB012 022	R		2		1	223326	I1	15K OHM 5PC 1/2W	
	001.0	FB011 022	R						O1		
	002.0	FB012 023	C		2			804156	I2	100 PF 10PC 100V MICA	
AA	1423,000.0	FB012 026	R		2		1	223401	I1	4.7K OHM 5PC 1/2W	
	001.0	FB011 026	R				1		O1		
	002.0	FB010 026	C		2		1	804156		100 PF 10PC 100V MICA	
	003.0	FB009 026	C						I2		
AA	1426,000.0	FB012 027	R		2		1	223401	I1	4.7K OHM 5PC 1/2W	
	001.0	FB011 027	R						O1		
	002.0	FB010 027	C		2			804156		100 PF 10PC 100V MICA	
	003.0	FB009 027							I2		
AB	1430,000.0	FB007 025	D	A			1	223292	S1	1N662	INPUT
	001.0			C			1				
	002.0	FB007 024	D	A				223292	S2	1N662	INPUT
	003.0			C			1				
	004.0	FB007 028	D	A			1	223292	S3	1N662	INPUT
	005.0			C			1				
	006.0	FB008 029	R		2		1	804037		330 OHM 5PC 1/2W	
	007.0	FB008 030	R		2		1	223328		33K OHM 5PC 1/2W	BIAS +6V
	008.0	FB008 032	R		2		1	223353		8.2K OHM 5PC 1/2W	COUPLING
	009.0	FB006 033	D	A	2		1	223292		1N662	CLAMP
	010.0	FB006 033	Q	B	3		1	804111		2N2635	
	011.0	FB005 034	R				1	804041	O2	1.5K OHM 5PC 1/2W	LOAD -12V
	016.0	FB006 028	D	A	2			223292	R6	1N662	INPUT
	017.0			C			1				
	018.0	FB005 029	R				1	804037		330 OHM 5PC 1/2W	

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
AB	1430.019.0	FB006 030	R		2			223328		33K OHM 5PC 1/2W	BIAS +6V
	020.0	FB006 032	R		2		1	223353		8.2K OHM 5PC 1/2W	COUPLING
	021.0						1				
	022.0	FB007 033	D			A	1	223292		1N662	CLAMP
	023.0	FB007 033	Q			B	1	804111		2N2635	
	024.0	FB008 034	R		2		1	804041	O1	1.5K OHM 5PC 1/2W	LOAD -12V
AA	1431.000.0	FB008 020	R		2		1	223326	I1	15K OHM 5PC 1/2W	
	001.0	FB007 020	R				1		O1		
	002.0	FB008 021	C		2			804156	I2	100 PF 10PC 100V MICA	
	003.0						1				
AA	1432.000.0	FB008 022	R		2		1	223326	I1	15K OHM 5PC 1/2W	
	001.0	FB007 022	R						O1		
	002.0	FB008 023	C		2			804156	I2	100 PF 10PC 100V MICA	
AA	1433.000.0	FB008 026	R		2		1	223401	I1	4.7K OHM 5PC 1/2W	
	001.0	FB007 026	R				1		O1		
	002.0	FB006 026	C		2		1	804156		100 PF 10PC 100V MICA	
	003.0	FB005 026	C						I2		
AA	1436.000.0	FB008 027	R		2			223401	I1	4.7K OHM 5PC 1/2W	
	001.0	FB007 027	R						O1		
	002.0	FB006 027	C		2			804156		100 PF 10PC 100V MICA	
	003.0	FB005 027	C						I2		
AC	1440.000.0	FB003 025	D			A	1	223292	S1	1N662	INPUT
	001.0					C	1				
	002.0	FB003 024	D			A		223292	S2	1N662	INPUT
	003.0					C	1				
	004.0	FB003 028	D			A	1	223292	S3	1N662	INPUT
	005.0					C	1				
	006.0	FB004 029	R		2		1	804037		330 OHM 5PC 1/2W	
	007.0	FB003 030	R					223328		33K OHM 5PC 1/2W	BIAS +6V
	008.0	FB004 032	R		2		1	223353		8.2K OHM 5PC 1/2W	COUPLING
	009.0	FB002 033	D			A	1	223292		1N662	CLAMP
	010.0	FB002 033	Q			B	1	804111		2N2635	
	011.0	FB001 034	R					804041	O2	1.5K OHM 5PC 1/2W	LOAD -12V
	011.5						1				
	014.0	FB002 028	D			A	1	223292	R6	1N662	INPUT
	015.0	FB002 029	R		2		1	804037		330 OHM 5PC 1/2W	
	016.0	FB002 030	R		2		1	223328		33K OHM 5PC 1/2W	BIAS +6V
	017.0	FB002 032	R		2		1	223353		8.2K OHM 5PC 1/2W	COUPLING
	018.0	FB003 033	D			A	1	223292		1N662	CLAMP
	019.0	FB003 033	Q			B	1	804111		2N2635	
	020.0	FB004 034	R		2		1	804041	O1	1.5K OHM 5PC 1/2W	LOAD -12V
	021.0						1				
AA	1441.000.0	FB004 020	R		2		1	223326	I1	15K OHM 5PC 1/2W	
	001.0	FB003 020	R				1		O1		
	002.0	FB004 021	C		2			804156	I2	100 PF 10PC 100V MICA	
	003.0						1				
AA	1442.000.0	FB004 022	R		2		1	223326	I1	15K OHM 5PC 1/2W	
	001.0	FB003 022	R						O1		
	002.0	FB004 023	C		2			804156	I2	100 PF 10PC 100V MICA	

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
AA	1443.000.0	FB004 026	R		2		1	223401	I1	4.7K OHM 5PC 1/2W	
	001.0	FB003 026	R				1		O1		
	002.0	FB002 026	C		2		1	804156		100 PF 10PC 100V MICA	
	003.0	FB001 026	C						I2		
AA	1446.000.0	FB004 027	R		2		1	223401	I1	4.7K OHM 5PC 1/2W	
	001.0	FB003 027	R						O1		
	002.0	FB002 027	C		2			804156		100 PF 10PC 100V MICA	
	003.0	FB001 027	C						I2		
AA	1450.000.0	EB004 024	D	A	2			223292	S1	1N662	INPUT
	001.0	EB002 018	D	A	2			223292	S2	1N662	INPUT
	002.0			C			1				
	003.0	EB001 024	R				1	804037		330 OHM 5PC 1/2W	
	004.0	EB002 025	R		2			223328		33K OHM 5PC 1/2W	BIAS +6V
	005.0	EB001 023	C				1	804156		100 PF 10PC 100V MICA	SPEED UP
	006.0	EB001 022	R				1	223353		8.2K OHM 5PC 1/2W	COUPLING
	007.0	EB004 021	D	A	2		1	223292		1N662	CLAMP
	008.0	EB004 020	Q	B	1		1	804111		2N2635	
	009.0			C			1				
	010.0	EB003 020	R					804041	O2	1.5K OHM 5PC 1/2W	LOAD -12V
	011.0						1				
	012.0	EB002 016	D	A	2		1	223292	R3	1N662	INPUT
	013.0			C			1				
	014.0	EB002 015	D	A	2			223292	R4	1N662	INPUT
	015.0			C			1				
	016.0	EB004 016	D	A	2			223292	R5	1N662	INPUT
	017.0	EB002 017	D	A	2		1	223292	R6	1N662	INPUT
	018.0			C			1				
	019.0	EB001 027	R				1	804037		330 OHM 5PC 1/2W	
	020.0	EB002 026	R		2			223328		33K OHM 5PC 1/2W	BIAS +6V
	021.0	EB003 023	C					804156		100 PF 10PC 100V MICA	SPEED UP
	022.0						1				
	023.0	EB004 022	R		2		1	223353		8.2K OHM 5PC 1/2W	COUPLING
	024.0	EB002 021	D	A	2		1	223292		1N662	CLAMP
	025.0			C							F P7-22, GND
	026.0	EB002 020	Q	B	1		1	804111		2N2635	
	027.0	EB001 020	R				1	804041	O1	1.5K OHM 5PC 1/2W	LOAD -12V
	028.0	CB005 006	D	A			1	223292	R7	1N662	INPUT
	029.0			C			1				
	030.0	CB 66 24				3	1	FH 000000		FEED THROUGH HOLE	T P9-11, ACRY2
	031.0	EB009 036	D	A				223292	S8	1N662	F P7-8, ASCQ3
	032.0			C			1				T P7-5, ACRY1
AA	1451.000.0	EB004 025	R		2		1	223328	I1	33K OHM 5PC 1/2W	T P7-T, ACRY2
	001.0	EB003 025	R						O1		
	002.0	EB003 026	C					804156		100 PF 10PC 100V MICA	
	003.0	EB004 026	C				1		I2		F P7-S, AIDS3
AA	1452.000.0	EB 25 19				3	1	FH 000000		FEED THROUGH HOLE	F P7-17, AESA3
	001.0	EB002 019	R		2		1	223401	I1	4.7K OHM 5PC 1/2W	
	002.0	EB001 019	R						O1		
	003.0	EB005 016	C					804156		100 PF 10PC 100V MICA	
	004.0	EB006 016	C				1		I2		
AA	1453.000.0	EB001 029	R					223258	I1	18K OHM 5PC 1/2W	
	001.0	EB002 029	R				1		O1		

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
AA	1453.002.0	EB001 031	C					0804158	I2	220 PF 10PC 100V MICA	F P7-18, HOME1
	003.0						1				
	004.0	EB003 019	R				1	0804048		68K OHM 5PC 1/2W	LOAD -12V
	005.0						1				
AB	1454.000.0	EB002 014	R		2		1	0223401	I1	4.7K OHM 5PC 1/2W	F P7-X, AERS3
	001.0	EB001 014	R						O1		
	002.0	EB005 015	C					0804156		100 PF 10PC 100V MICA	
	003.0	EB006 015	C				1		I?		
AA	1455.000.0	EB004 018	R		2		1	0223403	I1	6.8K OHM 5PC 1/2W	F P7-U, CA94
	001.0	EB003 018	R						O1		
	002.0	EB003 017	C				1	0804156	I2	100 PF 10PC 100V MICA	
AA	1456.000.0	EB001 030	R					0223328	I1	33K OHM 5PC 1/2W	F P7-14, AERM3
	001.0	EB002 030	R						O1		
	002.0	EB001 028	C					0804156	I2	100 PF 10PC 100V MICA	
	003.0						1				
AC	1460.000.0	CB005 009	D		A		1	0223292	S1	1N662	INPUT
	001.0	CB005 008	R				1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	002.0	CB007 009	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	003.0	CB007 008	C				1	0804159		330 PF 10PC 100V MICA	SPEED UP
	004.0						1				
	005.0	CB066 023	Q	B	1	1	1	0223297		2N1305	
	006.0			C			1				
	007.0	CB007 002	R				1	0804041	O2	1.5K OHM 5PC 1/2W	LOAD -12V
	008.0	CB007 010	D		A		1	0223292	R2	1N662	INPUT
	009.0				C		1				
	010.0	CB005 007	R				1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	011.0	CB007 006	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	012.0						1				
	013.0	CB007 007	C				1	0804159		330 PF 10PC 100V MICA	SPEED UP
	014.0						1				
	015.0	CB074 023	Q	B	1	1		0223297		2N1305	
	015.5			C			1				
	017.0	CB008 003	R		2			0804041	O1	1.5K OHM 5PC 1/2W	LOAD -12V
	018.0	CB005 005	D		A		1	0223292	R3	1N662	INPUT
AB	1461.000.0	CB062 124				3	1	FH0000000		FEED THROUGH HOLE	F P9-12, ACRY1
	001.0	CB006 004	R		2		1	0223328	I2	33K OHM 5PC 1/2W	
	002.0	CB005 004	R				1		O1		
	003.0	CB005 003	C				1	0804161		470 PF 10PC 100V MICA	
	004.0	CB006 003	C				1		I1		
AA	1462.000.0	CB008 011	R		2		1	0223328	I1	33K OHM 5PC 1/2W	
	001.0	CB007 011	R				1		O1		
	002.0	CB005 012	C				1	0804161	I2	470 PF 10PC 100V MICA	
AB	1470.000.0	HB004 029	D	A	2		1	0223292	S1	1N662	INPUT
	001.0	HB003 030	R					0804037		330 OHM 5PC 1/2W	
	002.0	HB003 031	R				1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	003.0	HB004 032	C		2			0804156		100 PF 10PC 100V MICA	SPEED UP
	004.0						1				
	005.0	HB003 033	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	006.0	HB003 034	D	A			1	0223292		1N662	CLAMP
	007.0	HB003 034	Q	B			1	0804111		2N2635	
	008.0			C			1				
	009.0	HB004 035	R		2			0804041	O2	1.5K OHM 5PC 1/2W	LOAD -12V
	010.0	HB001 029	D	A				0223292	R2	1N662	INPUT
	011.0	HB001 030	R				1	0804037		330 OHM 5PC 1/2W	
	012.0	HB001 031	R				1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	013.0						1				
	014.0	HB002 032	C		2		1	0804156		100 PF 10PC 100V MICA	SPEED UP
	015.0						1				
	016.0	HB001 033	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	017.0						1				

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	018.0	HB001 034	D	A			1	0223292		1N662	CLAMP
	019.0	HB001 034	Q	B			1	0804111		2N2635	
	020.0	HB001 035	R					0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	021.0	HB002 034	Q	B	1		1	0804008		2N1304	EF
	022.0			E			1				
	023.0	HB001 036	R				1	0223253	O1	2.2K OHM 5PC 1/2W	LOAD -12V
	024.0	HB012 003				3	1	FH0000000		FEED THROUGH HOLE	
	025.0	GB222 003				3	1	FH0000000		FEED THROUGH HOLE	
	025.1	GB026 002	R		2		1	0223204		22 OHM 5PC 1/2W	T P4-D. HOME1
	025.2	GB223 007	S		2	1	1	0803214		TEST POINT	HOME1
	025.3						1				
	028.0	GB185 127				3	1	FH0000000		FEED THROUGH HOLE	F P4-6. ESTA3
	029.0	GB201 003				3	1	FH0000000		FEED THROUGH HOLE	
	030.0	HB033 003				3	1	FH0000000		FEED THROUGH HOLE	
	031.0	HB003 026	D	A			1	0223292	R3	1N662	INPUT
	032.0			C			1				
AA	1471.000.0	HB003 028	R				1	0223331	I1	47K OHM 5PC 1/2W	
	001.0	HB004 028	R				1		O1		
	002.0	HB004 027	C		2		1	0804158		220 PF 10PC 100V MICA	
	003.0	HB003 027	C				1		I2		
AA	1472.000.0	HB002 028	R		2		1	0223393	I1	12K OHM 5PC 1/2W	
	001.0	HB001 028	R						O1		
	002.0	GB219 003				3	1	FH0000000		FEED THROUGH HOLE	F P4-E. CIA9
	003.0	HB015 003				3	1	FH0000000		FEED THROUGH HOLE	
	004.0	HB002 027	C		2		1	0804156	I2	100 PF 10PC 100V MICA	
AB	1480.000.0	HB010 029	D	A	2			0223292	S1	1N662	INPUT
	001.0	HB009 030	R					0804037		330 OHM 5PC 1/2W	
	002.0	HB010 031	R		2			0223328		33K OHM 5PC 1/2W	BIAS +6V
	003.0	HB010 032	C		2			0804156		100 PF 10PC 100V MICA	SPEED UP
	004.0						1				
	005.0	HB009 033	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	006.0	HB009 034	D	A			1	0223292		1N662	CLAMP
	007.0	HB009 034	Q	B			1	0804111		2N2635	
	008.0			C			1				
	009.0	HB009 036	R				1	0804041	O2	1.5K OHM 5PC 1/2W	LOAD -12V
	010.0	HB007 029	D	A			1	0223292	R2	1N662	INPUT
	011.0	HB008 030	R		2			0804037		330 OHM 5PC 1/2W	
	012.0	HB007 031	R					0223328		33K OHM 5PC 1/2W	BIAS +6V
	013.0	HB008 032	C		2		1	0804156		100 PF 10PC 100V MICA	SPEED UP
	014.0						1				
	015.0	HB007 033	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	015.1						1				
	016.0	HB007 034	D	A			1	0223292		1N662	CLAMP
	017.0			C			1				
	018.0	HB007 034	Q	B			1	0804111		2N2635	
	019.0			C			1				
	020.0	HB007 035	R				1	0804041	O1	1.5K OHM 5PC 1/2W	LOAD -12V
AA	1481.000.0	HB010 026	C		2			0804156	I1	100 PF 10PC 100V MICA	
	001.0	HB010 027	R		2		1	0223403	I2	6.8K OHM 5PC 1/2W	
	002.0	HB009 027	R				1		O1		
	003.0	HB010 028	D	A	2		1	0223292		1N662	
	004.0			C			1				
AA	1482.000.0	HB008 026	C		2			0804156		100 PF 10PC 100V MICA	
	001.0	HB007 026	C				1		I1		
	002.0	HB008 027	R		2		1	0223403	I2	6.8K OHM 5PC 1/2W	
	003.0	HB007 027	R				1		O1		
	004.0	HB008 028	D	A	2		1	0223292		1N662	
	005.0			C			1				
AB	1490.000.0	HB014 029	D	A	2			0223292	S1	1N662	INPUT
	001.0	HB013 030	R					0804037		330 OHM 5PC 1/2W	
	002.0	HB014 031	R		2			0223328		33K OHM 5PC 1/2W	BIAS +6V
	003.0	HB014 032	C		2			0804156		100 PF 10PC 100V MICA	SPEED UP

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	004.0						1				
	005.0	HB013 033	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	006.0	HB013 034	D		A		1	0223292		1N662	CLAMP
	007.0	HB013 034	Q		B		1	0804111		2N2635	
	008.0				C		1				
	009.0	HB014 036	R	2				0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	010.0	HB014 034	Q	B	1			0804008		2N1304	EF
	011.0				E		1				
	012.0	HB014 035	R	2			1	0223253	O2	2.2K OHM 5PC 1/2W	LOAD -12V
	013.0	HB011 029	D		A		1	0223292	R2	1N662	INPUT
	014.0	HB012 030	R	2				0804037		330 OHM 5PC 1/2W	
	015.0						1				
	016.0	HB011 031	R				1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	017.0	HB012 032	C	2			1	0804156		100 PF 10PC 100V MICA	SPEED UP
	018.0						1				
	019.0	HB012 033	R	2			1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	020.0						1				
	021.0	HB011 034	D		A		1	0223292		1N662	CLAMP
	022.0	HB011 034	Q		B		1	0804111		2N2635	
	023.0				C		1				
	024.0	HB011 035	R				1	0804041	O1	1.5K OHM 5PC 1/2W	LOAD -12V
	025.1	HB126 106				3	1	FH0000000		FEED THROUGH HOLE	
	026.0	HB014 026	D	A	2		1	0223292	S3	1N662	INPUT
	027.0				C		1				
AA	1491.000.0	HB014 028	R	2			1	0223393	I1	12K OHM 5PC 1/2W	
	001.0	HB013 028	R						O1		
	002.0	HB014 027	D	A	2		1	0223292		1N662	
	003.0	HB014 025	C	2				0804156		100 PF 10PC 100V MICA	
	004.0	HB013 025	C						I2		
AA	1492.000.0	HB012 028	R	2			1	0223393	I1	12K OHM 5PC 1/2W	
	001.0	HB011 028	R				1		O1		
	002.0	HB012 027	D	A	2		1	0223292		1N662	
	003.0				C		1				
	004.0	HB012 026	C	2				0804156	I2	100 PF 10PC 100V MICA	
	005.0						1				
AA	1500.000.0	HB018 029	D	A	2		1	0223292	S1	1N662	INPUT
	001.0	HB017 030	R					0804037		330 OHM 5PC 1/2W	
	002.0	HB018 031	R	2				0223328		33K OHM 5PC 1/2W	BIAS +6V
	003.0	HB018 032	C	2				0804156		100 PF 10PC 100V MICA	SPEED UP
	004.0						1				
	005.0	HB017 033	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	006.0	HB017 034	D		A		1	0223292		1N662	CLAMP
	007.0	HB017 034	Q		B		1	0804111		2N2635	
	008.0				C		1				
	009.0	HB017 036	R					0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	010.0	HB018 034	Q	B	1			0804008		2N1304	EF
	011.0				E		1				
	012.0	HB018 035	R	2			1	0223253	O2	2.2K OHM 5PC 1/2W	LOAD -12V
	013.0	HB015 029	D	A				0223292	R2	1N662	INPUT
	014.0	HB016 030	R	2				0804037		330 OHM 5PC 1/2W	
	015.0	HB015 031	R					0223328		33K OHM 5PC 1/2W	BIAS +6V
	016.0	HB016 032	C	2			1	0804156		100 PF 10PC 100V MICA	SPEED UP
	017.0	HB016 033	R	2			1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	018.0	HB015 034	D	A				0223292		1N662	CLAMP
	019.0	HB015 034	Q	B				0804111		2N2635	
	020.0				C		1				
	021.0	HB015 035	R				1	0804041	O1	1.5K OHM 5PC 1/2W	LOAD -12V
	022.0	HB018 026	D	A	2			0223292	S3	1N662	INPUT
	023.0				C		1				
AA	1501.000.0	HB018 028	R	2			1	0223393	I1	12K OHM 5PC 1/2W	
	001.0	HB017 028	R						O1		
	002.0	HB018 027	D	A	2		1	0223292		1N662	
	003.0	HB018 025	C	2			1	0804156		100 PF 10PC 100V MICA	

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	004.0	HB017 025	C						I2		
AA	1502.000.0	HB016 028	R		2		1	0223393	I1	12K OHM 5PC 1/2W	
	001.0	HB015 028	R						O1		
	002.0	HB016 027	D	A	2		1	0223292		1N662	
	003.0	HB016 026	C		2			0804156	I2	100 PF 10PC 100V MICA	
AB	1510.000.0	HB022 029	D	A	2			0223292	S1	1N662	INPUT
	001.0	HB021 030	R					0804037		330 OHM 5PC 1/2W	
	002.0	HB022 031	R		2			0223328		33K OHM 5PC 1/2W	BIAS +6V
	003.0	HB022 032	C		2			0804156		100 PF 10PC 100V MICA	SPEED UP
	004.0						1				
	005.0	HB021 033	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	006.0	HB021 034	D	A			1	0223292		1N662	CLAMP
	007.0	HB021 034	Q	B			1	0804111		2N2635	
	008.0			C			1				
	009.0	HB021 036	R				1	0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	010.0	HB022 034	Q	B	1			0804008		2N1304	EF
	011.0			E			1				
	012.0	HB022 035	R		2		1	0223253	O2	2.2K OHM 5PC 1/2W	LOAD -12V
	013.0	HB019 029	D	A				0223292	R2	1N662	INPUT
	014.0	HB020 030	R		2			0804037		330 OHM 5PC 1/2W	
	015.0						1				
	016.0	HB019 031	R				1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	017.0	HB020 032	C		2		1	0804156		100 PF 10PC 100V MICA	SPEED UP
	018.0						1				
	019.0	HB020 033	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	020.0						1				
	021.0	HB019 034	D	A			1	0223292		1N662	CLAMP
	022.0	HB019 034	Q	B			1	0804111		2N2635	
	023.0			C			1				
	024.0	HB019 035	R				1	0804041	O1	1.5K OHM 5PC 1/2W	LOAD -12V
AA	1511.000.0	HB022 028	R		2		1	0223393	I1	12K OHM 5PC 1/2W	
	001.0	HB021 028	R						O1		
	002.0	HB022 027	C		2			0804156		100 PF 10PC 100V MICA	
	003.0	HB021 027	C						I2		
AA	1512.000.0	HB020 028	R		2		1	0223393	I1	12K OHM 5PC 1/2W	
	001.0	HB019 028	R						O1		
	002.0	HB020 027	C		2			0804156	I2	100 PF 10PC 100V MICA	
AC	1520.000.0	HB026 029	D	A	2			0223292	S1	1N662	INPUT
	001.0	HB025 030	R					0804037		330 OHM 5PC 1/2W	
	002.0	HB026 031	R		2			0223328		33K OHM 5PC 1/2W	BIAS +6V
	003.0	HB026 032	C		2			0804156		100 PF 10PC 100V MICA	SPEED UP
	004.0						1				
	005.0	HB025 033	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	006.0	HB025 034	D	A			1	0223292		1N662	CLAMP
	007.0	HB025 034	Q	B			1	0804111		2N2635	
	008.0			C			1				
	009.0	HB025 036	R				1	0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	010.0	HB026 034	Q	B	1			0804008		2N1304	EF
	011.0			E			1				
	012.0	HB026 035	R		2		1	0223253	O2	2.2K OHM 5PC 1/2W	LOAD -12V
	013.0						1				
	014.0	HB023 029	D	A				0223292	R2	1N662	INPUT
	015.0	HB023 030	R				1	0804037		330 OHM 5PC 1/2W	
	016.0	HB023 031	R				1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	017.0	HB024 032	C		2		1	0804156		100 PF 10PC 100V MICA	SPEED UP
	018.0						1				
	019.0	HB024 033	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	020.0						1				
	021.0	HB023 034	D	A			1	0223292		1N662	CLAMP
	022.0	HB023 034	Q	B			1	0804111		2N2635	
	023.0	HB024 035	R			2	1	0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	024.0	HB024 034	Q	B	1		1	0804008		2N1304	EF

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	025.0			E			1				
	026.0	HB024 036	R		2			0223253	O1	2.2K OHM 5PC 1/2W	LOAD -12V
AA	1521.000.0	HB026 028	R		2		1	0223393	I1	12K OHM 5PC 1/2W	
	001.0	HB025 028	R						O1		
	002.0	HB026 027	C		2			0804156		100 PF 10PC 100V MICA	
	003.0	HB025 027	C						I2		
AA	1522.000.0	HB024 028	R		2		1	0223393	I1	12K OHM 5PC 1/2W	
	001.0	HB023 028	R						O1		
	002.0	HB024 027	C		2			0804156	I2	100 PF 10PC 100V MICA	
AC	1530.000.0	HB026 017	D	A	2			0223292	S1	1N662	INPUT
	001.0			C			1				
	002.0	HB025 018	R				1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	003.0	HB026 019	C		2			0804159		330 PF 10PC 100V MICA	SPEED UP
	004.0						1				
	005.0	HB025 020	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	006.0	HB025 020	Q	B			1	0223297		2N1305	
	007.0			C			1				
	008.0	HB025 024	R				1	0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	009.0	HB026 020	Q	B	1			0804008		2N1304	EF
	010.0			E			1				
	011.0	HB026 023	R		2		1	0223253	O2	2.2K OHM 5PC 1/2W	LOAD -12V
	012.0						1				
	013.0	HB023 017	D	A				0223292	R2	1N662	INPUT
	014.0	HB024 018	R		2			0223328		33K OHM 5PC 1/2W	BIAS +6V
	015.0	HB024 019	C		2		1	0804159		330 PF 10PC 100V MICA	SPEED UP
	016.0						1				
	017.0	HB024 020	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	018.0						1				
	019.0	HB023 020	Q	B			1	0223297		2N1305	
	020.0	HB024 023	R		2		1	0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	022.2	HB024 020	Q	B	1		1	0804008		2N1304	EF
	022.4			E			1				
	023.0	HB024 024	R		2			0223253	O1	2.2K OHM 5PC 1/2W	LOAD -12V
AA	1931.000.0	HB026 016	R		2		1	0223393	I1	12K OHM 5PC 1/2W	
	001.0	HB025 016	R				1		O1		
	002.0	HB026 015	C		2		1	0804159	I2	330 PF 10PC 100V MICA	
	003.0						1				
AB	1532.000.0	HB024 016	R		2		1	0223393	I1	12K OHM 5PC 1/2W	
	001.0	HB023 016	R						O1		
	002.0	HB024 015	C		2			0804159	I2	330 PF 10PC 100V MICA	
AB	1540.000.0	HB013 024	C				1	0804089	S1	.0022 MFD 10PC200V FILM	INPUT
	001.0	HB014 023	R		2			0223331		47K OHM 5PC 1/2W	
	002.0	HB014 022	R		2			0223326		15K OHM 5PC 1/2W	
	003.0	HB019 025	D	A				0223292		1N662	
	004.0			C			1				
	005.0	HB022 017	D	A	2			0223292	S2	1N662	INPUT
	006.0			C			1				
	007.0	HB021 018	R				1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	008.0						1				
	009.0	HB022 019	C		2			0804159		330 PF 10PC 100V MICA	SPEED UP
	010.0						1				
	011.0	HB021 020	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	012.0	HB021 020	Q	B			1	0223297		2N1305	
	013.0			C			1				
	014.0	HB021 024	R					0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	015.0	HB022 020	Q	B	1			0804008		2N1304	EF
	016.0			E			1				
	017.0	HB022 023	R		2		1	0223253	O2	2.2K OHM 5PC 1/2W	LOAD -12V
	018.0	HB019 017	D	A				0223292	R3	1N662	INPUT
	019.0	HB020 018	R		2			0223328		33K OHM 5PC 1/2W	BIAS +6V
	020.0	HB020 019	C		2		1	0804159		330 PF 10PC 100V MICA	SPEED UP

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	021.0						1				
	022.0	HB020 020	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	023.0						1				
	024.0	HB019 020	Q	B			1	0223297		2N1305	
	025.0	HB019 023	R					0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	026.0	HB020 020	Q	B	1		1	0804008		2N1304	EF
	027.0			E			1				
	028.0	HB020 024	R		2			0223253	O1	2.2K OHM 5PC 1/2W	LOAD -12V
AB	1542.000.0	HB022 016	R		2		1	0223393	I1	12K OHM 5PC 1/2W	
	001.0	HB021 016	R				1		O1		
	002.0	HB022 015	C		2			0804159	I2	330 PF 10PC 100V MICA	
	003.0						1				
AC	1543.000.0	HB020 016	R		2		1	0223393	I1	12K OHM 5PC 1/2W	
	001.0	HB019 016	R						O1		
	002.2	HB020 015	C		2			0804159	I2	330 PF 10PC 100V MICA	
AA	1550.000.0	HB018 017	D	A	2			0223292	S1	1N662	INPUT
	001.0			C			1				
	002.0	HB017 018	R				1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	003.0	HB018 019	C		2			0804159		330 PF 10PC 100V MICA	SPEED UP
	004.0						1				
	005.0	HB017 020	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	006.0	HB017 020	Q	B			1	0223297		2N1305	
	007.0			C			1				
	008.0	HB017 024	R				1	0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	009.0	HB018 020	Q	B	1			0804008		2N1304	EF
	010.0			E			1				
	011.0	HB018 023	R		2		1	0223253	O2	2.2K OHM 5PC 1/2W	LOAD -12V
	012.0	HB015 017	D	A				0223292	R2	1N662	INPUT
	013.0	HB015 018	R				1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	014.0	HB016 019	C		2		1	0804159		330 PF 10PC 100V MICA	SPEED UP
	015.0						1				
	016.0	HB016 020	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	017.0						1				
	018.0	HB015 020	Q	B			1	0223297		2N1305	
	019.0	HB015 023	R					0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	020.0	HB016 020	Q	B	1		1	0804008		2N1304	EF
	021.0			E			1				
	022.0	HB016 024	R		2		1	0223253	O1	2.2K OHM 5PC 1/2W	LOAD -12V
	023.0	HB015 036	D	A				0223292		1N662	
	024.0			C			1				
	025.0	HB012 036	R		2		1	0223331		47K OHM 5PC 1/2W	
	026.0	HB010 035	R		2		1	0223326		15K OHM 5PC 1/2W	
	027.0						1				
	028.0	HB007 036	C					0804087	R3	.001 MFD 10PC 200V FILM	INPUT
AA	1551.000.0	HB018 016	R		2		1	0223393	I1	12K OHM 5PC 1/2W	
	001.0	HB017 016	R				1		O1		
	002.0	HB018 015	C		2			0804159	I2	330 PF 10PC 100V MICA	
	003.0						1				
AA	1552.000.0	HB016 016	R		2		1	0223393	I1	12K OHM 5PC 1/2W	
	001.0	HB015 016	R						O1		
	002.0	HB016 015	C		2		1	0804159	I2	330 PF 10PC 100V MICA	
AB	1560.000.0	HB012 017	D	A	2			0223292	S1	1N662	INPUT
	001.0			C			1				
	002.0	HB011 018	R				1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	003.0	HB012 019	C		2		1	0804159		330 PF 10PC 100V MICA	SPEED UP
	004.0						1				
	005.0	HB012 020	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	006.0						1				
	007.0	HB011 020	Q	B			1	0223297		2N1305	
	008.0			C			1				
	009.0	HB012 023	R		2			0804041	O2	1.5K OHM 5PC 1/2W	LOAD -12V
	009.5	HB090 008				3	1	FH0000000		FEED THROUGH HOLE	
	010.0	HB009 017	D	A			1	0223292	R2	1N662	INPUT

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	011.0	HB009 016	R				1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	012.0	HB010 019	C		2		1	0804159		330 PF 10PC 100V MICA	SPEED UP
	013.0						1				
	014.0	HB010 020	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	015.0						1				
	016.0	HB009 020	Q	B			1	0223297		2N1305	
	017.0	HB010 023	R		2		1	0804041	O1	1.5K OHM 5PC 1/2W	LOAD -12V
AA	1561.000.0	HB012 015	C		2		1	0804159	I1	330 PF 10PC 100V MICA	
	001.0	HB011 016	R				1	0223331	I2	47K OHM 5PC 1/2W	
	002.0	HB012 016	R						O1		
AA	1562.000.0	HB008 015	C		2		1	0804159		330 PF 10PC 100V MICA	
	001.0	HB007 015	C						I1		
	002.0	HB010 018	R		2			0223331	I2	47K OHM 5PC 1/2W	
	003.0	HB009 018	R				1		O1		
AC	1570.000.0	HB008 018	D	A	2		1	0223292	S1	1N662	INPUT
	001.0			C			1				
	002.0	HB007 016	R					0223328		33K OHM 5PC 1/2W	BIAS +6V
	003.0	HB008 019	C		2		1	0804159		330 PF 10PC 100V MICA	SPEED UP
	004.0						1				
	005.0	HB007 020	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	006.0						1				
	007.0	HB007 020	Q	B			1	0223297		2N1305	CLAMP
	008.0			C			1				
	009.0	HB008 023	R		2			0804041	O2	1.5K OHM 5PC 1/2W	LOAD -12V
	010.0	HB006 017	D	A	2		1	0223292	R2	1N662	INPUT
	011.0	HB006 016	R		2		1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	012.0	HB006 019	C		2		1	0804159		330 PF 10PC 100V MICA	SPEED UP
	013.0	HB006 020	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	014.0	HB005 020	Q	B				0223297		2N1305	
	015.0			C			1				
	016.0	HB005 023	R				1	0804041	O1	1.5K OHM 5PC 1/2W	LOAD -12V
	017.0						1				
AA	1571.000.0	HB007 017	R				1	0223331	I1	47K OHM 5PC 1/2W	
	001.0	HB008 017	R				1		O1		
	002.0	HB010 025	C		2		1	0804159	I2	330 PF 10PC 100V MICA	
	003.0						1				
AA	1572.000.0	HB005 018	R				1	0223331	I1	47K OHM 5PC 1/2W	
	001.0	HB006 018	R				1		O1		
	002.0	HB008 025	C		2			0804159	I2	330 PF 10PC 100V MICA	
	003.0						1				
AA	1580.000.0	HB008 007	D	A	2		1	0223292	S1	1N662	INPUT
	001.0	HB007 006	R					0223328		33K OHM 5PC 1/2W	BIAS +6V
	002.0	HB008 009	C		2		1	0804159		330 PF 10PC 100V MICA	SPEED UP
	003.0						1				
	004.0	HB008 010	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	005.0						1				
	006.0	HB062 046	Q	B		1	1	0223297		2N1305	
	007.0			C			1				
	008.0	HB007 014	R				1	0804041	O2	1.5K OHM 5PC 1/2W	LOAD -12V
	009.0	HB006 007	D	A	2			0223292	R2	1N662	INPUT
	010.0			C			1				
	011.0	HB005 006	R				1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	012.0	HB006 009	C		2			0804159		330 PF 10PC 100V MICA	SPEED UP
	013.0						1				
	014.0	HB005 010	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	015.0	HB045 046	Q	B		1	1	0223297		2N1305	
	016.0			C			1				
	017.0	HB006 014	R		2		1	0804041	O1	1.5K OHM 5PC 1/2W	LOAD -12V
AB	1581.000.0	HB007 008	R				1	0223331	I1	47K OHM 5PC 1/2W	
	001.0	HB008 008	R				1		O1		

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	002.0	HB008 005	C		2		1	0804159		330 PF 10PC 100V MICA	
	003.0	HB007 005	C				1		I2		
AA	1582.000.0	HB006 008	R		2		1	0223331	I1	47K OHM 5PC 1/2W	
	000.1	HB005 008	R						O1		
AD	1582.002.0	HB006 005	C		2			0804159	I2	330 PF 10PC 100V MICA	
AA	1590.000.0	HB004 003	D	A	2		1	0223292	S1	1N662	INPUT
	001.0			C			1				
	002.0	HB003 002	R				1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	003.0	HB004 005	C		2		1	0804159		330 PF 10PC 100V MICA	SPEED UP
	004.0						1				
	005.0	HB004 006	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	006.0						1				
	007.0	HB003 006	Q	B				0223297		2N1305	
	008.0	HB004 009	R		2		1	0804041		1.5K OHM 5PC 1/2W	LOAD -12V
	009.0	HB002 006	Q	B	1		1	0804008		2N1304	EF
	010.0			E			1				
	011.0	HB002 010	R		2		1	0223253	O2	2.2K OHM 5PC 1/2W	LOAD -12V
	012.0	HB002 003	D	A	2			0223292	R2	1N662	INPUT
	013.0	HB002 001	R		2		1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	014.0	HB002 005	C		2		1	0804159		330 PF 10PC 100V MICA	SPEED UP
	015.0						1				
	016.0	HB002 006	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	017.0						1				
	018.0	HB001 006	Q	B			1	0223297		2N1305	
	019.0	HB002 009	R		2		1	0804041	O1	1.5K OHM 5PC 1/2W	LOAD -12V
AA	1591.000.0	HB003 004	R				1	0223331	I1	47K OHM 5PC 1/2W	
	001.0	HB004 004	R				1		O1		
	002.0	HB004 010	C		2		1	0804159		330 PF 10PC 100V MICA	
	003.0	HB003 010	C						I2		
AA	1592.000.0	HB002 004	R		2		1	0223331	I1	47K OHM 5PC 1/2W	
	001.0	HB001 004	R						O1		
	002.0	HB002 002	C		2			0804159	I2	330 PF 10PC 100V MICA	
AB	1600.000.0	HB026 007	D	A	2			0223292	S1	1N662	INPUT
	001.0			C			1				
	002.0	HB025 008	R				1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	003.0	HB026 009	C		2			0804159		330 PF 10PC 100V MICA	SPEED UP
	004.0						1				
	005.0	HB025 010	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	006.0	HB211 046	Q	B		1	1	0223297		2N1305	
	007.0			C			1				
	008.0	HB026 014	R		2			0804041	O2	1.5K OHM 5PC 1/2W	LOAD -12V
	009.0						1				
	010.0	HB024 007	D	A	2		1	0223292	R2	1N662	INPUT
	011.0			C			1				
	012.0	HB023 006	R				1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	013.0	HB024 009	C		2		1	0804159		330 PF 10PC 100V MICA	SPEED UP
	014.0						1				
	015.0	HB023 010	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	016.0						1				
	017.0	HB194 046	Q	B		1	1	0223297		2N1305	
	018.0			C			1				
	019.0	HB023 014	R				1	0804041	O1	1.5K OHM 5PC 1/2W	LOAD -12V
	019.1						1				
	020.0	HB017 008	R					0804041	R3	1.5K OHM 5PC 1/2W	
	021.0	HB018 007	D	A	2			0223292		1N662	
AA	1601.000.0	HB025 006	R				1	0223331	I1	47K OHM 5PC 1/2W	
	001.0	HB026 006	R						O1		
	002.0	HB026 005	C		2			0804159		330 PF 10PC 100V MICA	
	003.0	HB025 005	C						I2		
AA	1602.000.0	HB023 008	R				1	0223331	I1	47K OHM 5PC 1/2W	

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	001.0	HB024 008	R				1		O1		
	002.0	HB024 005	C		2		1	0804159		330 PF 10PC 100V MICA	
	003.0	HB023 005	C				1		I?		
	004.0	GB045 003				3	1	FH0000000		FEED THROUGH HOLE	
	005.0	HB189 003				3	1	FH0000000		FEED THROUGH HOLE	
AA	1610,000.0	HB022 007	D		A	2		0223292	S1	1N662	INPUT
	001.0				C		1				
	002.0	HB021 008	R				1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	003.0						1				
	004.0	HB022 009	C		2		1	0804159		330 PF 10PC 100V MICA	SPEED UP
	005.0						1				
	006.0	HB021 010	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	007.0						1				
	008.0	HB177 046	Q	B		1	1	0223297		2N1305	
	009.0				C		1				
	010.0	HB021 014	R				1	0804041	O2	1.5K OHM 5PC 1/2W	LOAD -12V
	011.0	HB020 007	D		A	2		0223292	R2	1N662	INPUT
	012.0	HB019 006	R					0223328		33K OHM 5PC 1/2W	BIAS +6V
	013.0	HB020 009	C		2		1	0804159		330 PF 10PC 100V MICA	SPEED UP
	014.0						1				
	015.0	HB019 010	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	016.0						1				
	017.0	HB160 046	Q	B		1	1	0223297		2N1305	
	018.0				C		1				
	019.0	HB019 014	R				1	0804041	O1	1.5K OHM 5PC 1/2W	LOAD -12V
AA	1611,000.0	HB021 006	R				1	0223331	I1	47K OHM 5PC 1/2W	
	001.0	HB022 006	R						O1		
	002.0	HB022 005	C		2			0804159	I2	330 PF 10PC 100V MICA	
AA	1612,000.0	HB019 008	R				1	0223331	I1	47K OHM 5PC 1/2W	
	001.0	HB020 008	R						O1		
	002.0	HB020 005	C		2			0804159		330 PF 10PC 100V MICA	
	003.0	HB019 005	C						I2		
AB	1620,000.0	HB015 007	D		A			0223292	R2	1N662	INPUT
	001.0				C		1				
	002.0	HB016 008	R		2		1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	003.0						1				
	004.0	HB017 010	R				1	0223326		15K OHM 5PC 1/2W	COUPLING
	005.0						1				
	006.0	HB144 046	Q	B		1	1	0223297		2N1305	
	008.0	HB015 014	R					0223323	O1	2.7K OHM 5PC 1/2W	LOAD -12V
	009.0	HB015 011	D		A			0223292	S1	1N662	INPUT
	010.0	HB015 009	R				1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	011.0	HB018 009	R		2		1	0223326		15K OHM 5PC 1/2W	COUPLING
	013.0	HB152 046	Q	B		1	1	0223297		2N1305	
	014.0				C		1				
	015.0	HB018 014	R		2		1	0223323	O2	2.7K OHM 5PC 1/2W	LOAD -12V
AA	1621,000.0	HB016 006	R		2			0223331	I1	47K OHM 5PC 1/2W	
	001.0	HB015 006	R						O1		
	002.0	HB018 006	C		2			0804161	I2	470 PF 10PC 100V MICA	
AB	1622,000.0	HB016 012	R		2			0223331	I1	47K OHM 5PC 1/2W	
	001.0	HB015 012	R						O1		
	002.0	HB137 011				3	1	FH0000000		FEED THROUGH HOLE	
	003.0	HB016 013	C		2		1	0804161	I2	470 PF 10PC 100V MICA	
AD	1630,000.0	GB019 013	D		A		1	0223292	S1	1N662	INPUT
	001.0				C		1				
	002.0	GB020 010	R		2		1	0223328		33K OHM 5PC 1/2W	BIAS +6V
	003.0	GB020 011	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	004.0	GB020 009	Q	B	1		1	0223297		2N1305	

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
AD	1630.004.5			C			1				
	006.5	GB 20 09	R		2		1	804041		1.5K OHM 5PC 1/2W	LOAD -12V
	006.6						1				
	007.0	GB 21 13	D	A				223292	R2	1N662	INPUT
	007.5			C			1				
	008.0	GB 22 10	R		2		1	223328		33K OHM 5PC 1/2W	BIAS +6V
	009.0						1				
	010.0	GB 21 11	R				1	223353		8.2K OHM 5PC 1/2W	COUPLING
	010.1						1				
	011.0	GB 22 09	Q	B	1		1	223297		2N1305	
	012.0	GB 21 09	R				1	804041	O1	1.5K OHM 5PC 1/2W	LOAD -12V
AA	1631.000.0	HB090 003				3	1	FH 000000		FEED THROUGH HOLE	
	001.0	GB144 003				3	1	FH 000000		FEED THROUGH HOLE	
	002.0	GB 19 15	R				1	223331	I1	47K OHM 5PC 1/2W	
	003.0	GB 20 15	R						O1		
	004.0	GB 19 14	C				1	804161		470 PF 10PC 100V MICA	
	005.0	GB 20 14	C						I2		
AB	1632.000.0	GB191 043				3	1	FH 000000		FEED THROUGH HOLE	*X+025 Y+025*
	001.0	GB174 052				3	1	FH 000000		FEED THROUGH HOLE	*X+025*
	002.0	GB 22 15	R		2			223331	I1	47K OHM 5PC 1/2W	T P4-M, TC153
	003.0	GB 21 15	R						O1		
	004.0	GB 21 14	C					804161	I2	470 PF 10PC 100V MICA	
AB	1640.000.0	BB 13 17	R				1	223328		33K OHM 5PC 1/2W	BIAS +6V
	001.0	BB 16 22	R		2		1	223353		8.2K OHM 5PC 1/2W	COUPLING
	002.0	BB 15 21	C					804159		330 PF 10PC 100V MICA	SPEED UP
	003.0	BB					1				
	004.0	BB140 096	Q	B	1	1		223297		2N1305	
	005.0	BB 16 17	R		2		1	804041	O2	1.5K OHM 5PC 1/2W	LOAD -12V
	006.0	BB 20 20	D	A	2			223292	R1	1N662	INPUT
	007.0	BB 19 18	R					223328		33K OHM 5PC 1/2W	BIAS +6V
	008.0	BB 18 20	R		2		1	223353		8.2K OHM 5PC 1/2W	COUPLING
	009.0	BB 17 21	C					804159		330 PF 10PC 100V MICA	SPEED UP
	010.0						1				
	011.0	BB156 096	Q	B	1	1	1	223297		2N1305	
	012.0	BB 17 17	R				1	804041	O1	1.5K OHM 5PC 1/2W	LOAD -12V
	013.0	BB 18 22	D	A	2			223292	S2	1N662	F P11-K, XCY7
AA	1641.000.0	BB 19 21	R					223331	I1	47K OHM 5PC 1/2W	
	001.0	BB 20 21	R						O1		
	002.0	BB 21 20	C					804161		470 PF 10PC 100V MICA	
	003.0	BB 21 20	C				1		I2		
AB	1650.000.0	RB023 030	Q	B	1	1		223297		2N1305	
	001.0	RB023 020	R		2	1		804041		1.5K OHM 5PC 1/2W	LOAD
	002.0	RB011 024	R			1		223353		8.2K OHM 5PC 1/2W	COUPLING
	003.0	RB027 024	R			1		223328		33K OHM 5PC 1/2W	BIAS
	004.0	RB039 028	D	A	2	1		223292		1N662	
	005.0	RB023 016	R		2	1		804041	O1	1.5K OHM 5PC 1/2W	LOAD, AEC2
	006.0	RB011 036	R			1		223353		8.2K OHM 5PC 1/2W	COUPLING
	007.0	RB011 030	Q	B		1		223297		2N1305	
	008.0	RB027 020	R			1		223328		33K OHM 5PC 1/2W	BIAS
	009.0	RB039 016	D	A	2	1		223292		1N662	
	010.0	RB011 012	D	A		1		223292	R3	1N662	EROF9
	011.0	RB005 015				3		803712		SOLDER TERMINAL	F P8-N, EROF9
AC	1651.000.0	RB027 012	R			1		223331	I1	47K OHM 5PC 1/2W	
	001.0	RB 39 12	R						O1		
	002.0	RB027 008	C			1		804161	I2	470 PF 10PC 100V MICA	
	003.0	RB005 027				3		803712		SOLDER TERMINAL	F P6-T, MEIL3
AC	1652.000.0	RB027 036	R			1		804048	I1	68K OHM 5PC 1/2W	
	001.0	RB 39 36	R						O1		
	002.0	RB027 040	C			1		804161	I2	470 PF 10PC 100V MICA	
	003.0	RB015 042				3		803712		SOLDER TERMINAL	F P8-2
AA	2000.000.0	HB 04 18	R		2		1	223353		8.2K OHM 5PC 1/2W	BIAS -12V

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FRIDEN INC
EC/132 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
AA	2000.001.0	HB 04 17	R		2		1	223401		4.7K OHM 5PC 1/2W	DIVIDER
	002.0	HB 04 15	C		2	2	1	804096		.1 MFD 10PC 200V FILM	
	003.0	HB 01 15	C			2					
	004.0	HB 04 20	Q	B	1		1	223297		2N1305	
	005.0	HB 02 17	R		2			223388		3.3K OHM 5PC 1/2W	
	006.0	HB 04 24	L		2		1	804016		100 MICROHENRY 5PC COIL	
	007.0	HB 04 20	C		2		1	804163		820 PF 10PC 100V MICA	
	008.0	HB 03 19	C					804088		.0015 MFD 10PC200V FILM	
	009.0	HB 03 20	Q	B				223297		2N1305	
	010.0	HB 02 20	R		2			804041		1.5K OHM 5PC 1/2W	COUPLING
	011.0	HB 02 19	C		2			804154		68 PF 10PC 100V MICA	SPEED UP
	012.0	HB 02 18	R		2		1	804041		1.5K OHM 5PC 1/2W	BIAS +6V
	013.0	HB 01 20	Q	B				804111		2N2635	
	014.0	HB 01 26	R					804041	01	1.5K OHM 5PC 1/2W	LOAD -12V
	015.0	HB040 046	C		2	3	1	804096		.1 MFD 10PC 200V FILM	
	016.0	HB 11 46									
AB	3000.000.0	HB021 003				3	1	FH 000000		FEED THROUGH HOLE	
	001.0	GB213 003				3	1	FH 000000		FEED THROUGH HOLE	
	002.1	GB206 073	D	A	2	1	1	223292	I1	1N662	GATE
	003.0	HB069 003				3	1	FH 000000		FEED THROUGH HOLE	
	004.0	GB165 003				3	1	FH 000000		FEED THROUGH HOLE	

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	005.0	GB023 019	D		A		1	0223292	I2	1N662	GATE
	006.1	GB206 067	D		A	2	1	0223292	I3	1N662	GATE
	008.1	GB206 064	R			2	1	0223393	O1	12K OHM 5PC 1/2W	LOAD -12V
	008.2						1				
AD	3001.000.0	GB206 058	R			2	1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	000.3						1				
	000.4	GB194 061	C			1	1	0804159		330 PF 10PC 100V MICA	SPEED UP
	000.5						1				
	003.0	GB194 055	R			1	1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	004.0	GB023 011	Q		B		1	0223297		2N1305	
	005.0	GB013 016	R					0223353	O1	8.2K OHM 5PC 1/2W	LOAD -12V
	006.0						1				
	007.0	GB012 021	D		A	2	1	0223292	I2	1N662	RESET
AA	3002.000.0	GB014 018	R			2	1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	GB013 017	C				1	0804159		330 PF 10PC 100V MICA	SPEED UP
	003.0						1				
	004.0	GB012 019	R			2		0804044		22K OHM 5PC 1/2W	BIAS +6V
	005.0	GB013 020	Q		B	2	1	0223297		2N1305	INV
	006.0				C		1				
	007.0	GB013 015	R				1	0223253	O1	2.2K OHM 5PC 1/2W	LOAD -12V
	008.0						1				
AB	3003.000.0	GB013 014	R				1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	GB013 013	C				1	0804159		330 PF 10PC 100V MICA	SPEED UP
	003.0						1				
	004.0	GB014 012	R			2	1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	005.0						1				F P5-C. +6V
	006.0	GB014 009	Q		B	1	1	0223297		2N1305	INV
	007.0				C		1				
	008.0	GB013 009	D		A			0223292		1N662	CLAMP
	009.0				C		1				
	014.1	GB134 012	P		C	1		0804126		50K OHM POT 20PC 1/4W	H=.265
	014.2				L						H=.125
	014.3				1						H=.078
	014.4				2						H=.078
	014.5				3						H=.078
	015.0	GB014 007	R			2	1	0804044		22K OHM 5PC 1/2W	
	016.0	GB014 011	C			2	1	0804091		.0047 MFD 10PC200V FILM	
	017.0	GB014 010	R			2		0223351		47 OHM 5PC 1/2W	
	018.0	GB012 009	Q		B	1		0223297		2N1305	EF
	019.0				E		1				
	020.0	GB012 014	R			2	1	0223401	O1	4.7K OHM 5PC 1/2W	LOAD +6V
	021.0						1				
AA	3004.000.0	GB011 011	D		A			0223292	I1	1N662	GATE
	001.0				C		1				
	002.0	GB011 012	D		A		1	0223292	I1	1N662	F P5-M. SAD9
	003.0				C		1				
	004.0	GB012 013	D		A	2	1	0223292	I3	1N662	GATE
	005.0	GB012 009	R			2	1	0223258	O1	18K OHM 5PC 1/2W	LOAD -12V
AA	3005.000.0	GB012 010	C			2	1	0804088	I1	.0015 MFD 10PC200V FILM	INPUT
	001.0						1				
	002.0	GB084 012	P		C	1		0804126		50K OHM POT 20PC 1/4W	H=.265
	003.0				L						H=.125
	004.0				1						H=.078
	005.0				2		1				H=.078
	006.0				3		1				H=.078
	007.0	GB014 008	R			2	1	0804044		22K OHM 5PC 1/2W	F P5-A. -80V
	008.0	GB011 009	Q		B		1	0223297		2N1305	
	009.0				C		1				
	010.0	GB087 003					3 1	FH0000000		FEED THROUGH HOLE	
	011.0	HB147 003					3 1	FH0000000		FEED THROUGH HOLE	
	012.0	HB144 008	R			2	1 1	0804062		8.2K OHM 5PC 2W	

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	013.0						1				
	014.0	HB123 003				3	1	FH0000000		FEED THROUGH HOLE	
	015.0	GB111 003				3	1	FH0000000		FEED THROUGH HOLE	
	016.0	GB012 008	D	A	2			0223292		1N662	
	017.0			C			1				
	018.0	GB009 008	D	A			1	0223292		1N662	
	019.0			C			1				
	020.0	GB072 076				3	1	FH0000000		FEED THROUGH HOLE	
	021.0	GB040 073	C		2	1		0804097	I2	.47 MFD 10PC 100V MYLAR	
	022.0	GB009 009	Q	B		1		0223297		2N1305	
	023.0	GB008 008	R		2			0223253		2.2K OHM 5PC 1/2W	
	024.0	GB010 010	R		2			0223331		47K OHM 5PC 1/2W	
	025.0	GB059 032				3	1	FH0000000		FEED THROUGH HOLE	*X+025*
	026.0	GB005 010	R					0223228	01	1K OHM 5PC 1/2W	
	027.0						1				
	028.0	GB004 009	Q	B	1			0804008		2N1304	
AA	3006.000.0	GB078 125				3	1	FH0000000		FEED THROUGH HOLE	
	001.0	GB010 015	D	A	2		1	0223292	I1	1N662	GATE
	002.0			C			1				
	003.0	GB010 014	D	A	2			0223292	I2	1N662	GATE
	004.0			C			1				
	005.0	GB008 009	R		2		1	0223403	01	6.8K OHM 5PC 1/2W	LOAD -12V
AA	3007.000.0	GB009 012	R				1	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0	GB009 013	C				1	0804159		330 PF 10PC 100V MICA	SPEED UP
	002.0	GB010 011	R		2		1	0804044		22K OHM 5PC 1/2W	BIAS +6V
	003.0	GB010 009	Q	B	1		1	0223297		2N1305	INV
	004.0			C			1				
	005.0	GB009 009	R				1	0804031	01	10 OHM 5PC 1/2W	LOAD
	006.0						1				
AB	3008.000.0	HB156 003				3	1	FH0000000		FEED THROUGH HOLE	
	001.0	GB078 003				3	1	FH0000000		FEED THROUGH HOLE	
	002.0	GB010 018	R		2		1	0223403	I1	6.8K OHM 5PC 1/2W	
	003.0						1				
	004.0	GB009 016	R				1	0223257		10K OHM 5PC 1/2W	
	005.0						1				
	006.0	GB008 009	Q	B	1		1	0223297		2N1305	
	007.0			C			1				
	008.0	GB062 056	R			1	1	0223253		2.2K OHM 5PC 1/2W	
	009.0	GB004 014	D	A	2			0223292		1N662	
	010.0	GB004 013	D	A	2			0223292		1N662	
	011.0	GB010 021	R		2			0804029	I2	10K OHM 1PC 1/2W	
	012.0						1				
	013.0	GB007 021	D	A				0223292	01	1N662	
	014.0			C			1				
AB	3009.000.0	GB003 017	R				1	0223403	I1	6.8K OHM 5PC 1/2W	
	001.0	GB007 010	R				1	0223257		10K OHM 5PC 1/2W	
	002.0	GB007 009	Q	B			1	0223297		2N1305	
	003.0			E			1				
	004.0	GB074 025	R		2	1		0804029	I2	10K OHM 1PC 1/2W	
	005.0						1				
	006.0	GB005 009	D	A			1	0223292	01	1N662	
	007.0			C			1				
AC	3010.000.0	GB012 018	D	A	2		1	0223292	I1	1N662	
	001.0			C			1				
	002.0	GB106 062	R		2	1	1	0804026		4.64K OHM 1PC 1/2W	
	003.0	GB009 019	R					0804026	I3	4.64K OHM 1PC 1/2W	
	004.0						1				
	005.0	GB009 017	D	A			1	0223292	I2	1N662	
	006.0			C			1				
	008.1	GB094 058	R			1	1	0804026		4.64K OHM 1PC 1/2W	
	008.2						1				
	009.0	GB005 021	R				1	0804026	01	4.64K OHM 1PC 1/2W	

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
AC	3010,015.0	GB051 012	P	C		1		804121		500 OHM POT 20PC 1/4W	H=.265
	016.0			L							H=.125
	017.0			1		1			01		H=.078
	018.0			2							H=.078
	019.0			3							H=.078
AC	3011,000.0	HB159 003				3	1	FH 000000		FEED THROUGH HOLE	
	001.0	GB075 003				3	1	FH 000000		FEED THROUGH HOLE	
	002.0	GB074 059	D	A	2	1	1	223292	I1	1N662	
	003.0	GB 07 12	R					223393		12K OHM 5PC 1/2W	
	004.0	GB045 056	D	A		1	1	223292	I2	1N662	
	005.0	GB062 052	R			1		804026		4.64K OHM 1PC 1/2W	
	006.0	GB045 052	R			1		804026	01	4.64K OHM 1PC 1/2W	
	007.0	GB045 059	D	A		1	1	223292		1N662	
	008.0	GB 05 12	R				1	223393	I3	12K OHM 5PC 1/2W	
	014.0	GB034 012	P	C		1		804121		500 OHM POT 20PC 1/4W	H=.265
	015.0			L							H=.125
	016.0			1		1					H=.078
	017.0			2		1					H=.078
	018.0			3		1					H=.078
AD	3012,000.0	GB 04 16	R		2		1	804036		270 OHM 5PC 1/2W	
	001.0	GB 04 18	Z	A	2			804011		1N756A 8.2V ZENER DIODE	
	002.0			C		1					F P5-U, GND
	003.0	HB180 003				3	1	FH 000000		FEED THROUGH HOLE	
	004.0	GB054 003				3	1	FH 000000		FEED THROUGH HOLE	
	005.0	GB062 062	D	A		1	1	223292	I1	1N662	
	006.0			C		1					
	007.0	GB 08 18	R		2		1	804028		9.31K OHM 1PC 1/2W	
	008.0	GB 08 19	R		2		1	804026		4.64K OHM 1PC 1/2W	
	009.0	HB195 003				3	1	FH 000000		FEED THROUGH HOLE	
	010.0	GB039 003				3	1	FH 000000		FEED THROUGH HOLE	
	011.0	GB 03 15	D	A			1	223292	I2	1N662	
	012.0	GB 05 18	R				1	804026		4.64K OHM 1PC 1/2W	
	013.0						1				
	014.0	GB 05 19	R				1	804024		2.32K OHM 1PC 1/2W	
	015.0	GB 05 08	R				1	804039	I3	560 OHM 5PC 1/2W	
	016.0						1				
	022.0	GB 06 09	Q	B	1		1	223297		2N1305	
	023.0			C			1				
	024.0			E			1				
	025.0	GB 06 07	R		2		1	223259		680 OHM 5PC 1/2W	
	026.0	GB057 062	R		2	1	1	804039	01	560 OHM 5PC 1/2W	
	027.0						1				
	028.0	GB051 124				3	1	FH 000000		FEED THROUGH HOLE	T P5-18, YNDNO
	029.1	GB068 012	P	C		1		804213		2K OHM POT 20PC 1/4W	H=.265
	029.2			L							H=.125
	029.3			1		1					H=.078
	029.4			2							H=.078
	029.5			3							H=.078
AB	3013,000.0	GB 05 09	Q	B			1	223297	I1	2N1305	
	001.0			E			1				
	002.0	GB 07 11	R					223253		2.2K OHM 5PC 1/2W	
	003.0	GB 05 11	R				1	223259		680 OHM 5PC 1/2W	
	004.0	GB 04 19				2	1	FH 000000		FEED THROUGH HOLE	
	005.0	GB 04 12	R		2		1	223257	I2	10K OHM 5PC 1/2W	
	006.0	GB 04 09	R		2		1	804038	I4	470 OHM 5PC 1/2W	
	008.0	GB 04 10	R		2			804034	I3	220 OHM 5PC 1/2W	
	009.0	GB 03 09	Q	B				223297		2N1305	
	010.0	GB 03 08	R					223259		680 OHM 5PC 1/2W	
	011.0						1				
	012.0	GB 03 11	R				1	804039	01	560 OHM 5PC 1/2W	T P5-W, YNLFO
	013.0						1				
AD	4000,000.1	LB028 054				3		803712	I1	SOLDER TERMINAL	F LB-1, YNDNO

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
AD	4000.003.1	LB028 044	Q	B		3		804009		2N2043A	
	003.2	LB026 046		C		3					
	003.3	LB030 046		E		3					
	004.0	LB046 050	R		3	1		804042		1.8K OHM 5PC 1/2W	
	005.0	LB018 050	R		3	1		223393		12K OHM 5PC 1/2W	LOAD =80V
	006.1	LB012 040				3		803712	01	SOLDER TERMINAL	T LB-10, CRT-10
	007.0	LB044 009	P	C		1		804124		5K OHM POT 20PC 1/4W	H=.265
	008.0			L							H=.125
	009.0			1							H=.078
	010.0			2							H=.078
	011.0			3							H=.078
	012.0	LB042 022	R		1	1		804038		470 OHM 5PC 1/2W	
	013.0	LB042 038	R		1	1		223351		47 OHM 5PC 1/2W	
	017.1	LB028 022	Q	B		3		804009		2N2043A	
	017.2	LB026 024		C		3					
	017.3	LB030 024		E		3					
	018.0	LB046 022	R		1	1		804042		1.8K OHM 5PC 1/2W	
	019.0	LB038 038	R		1	1		804034		220 OHM 5PC 1/2W	
	021.0	LB018 022	R		1	1		223393		12K OHM 5PC 1/2W	LOAD =80V
	023.1	LB012 028				3		803712	02	SOLDER TERMINAL	T LB-9, CRT-9
	024.1	LB064 054				3		803712	I2	SOLDER TERMINAL	F LB-5, YNLFD
	027.1	LB068 048	Q	B		3		804009		2N2043A	
	027.2	LB070 046		C		3					
	027.3	LB066 046		E		3					
	028.0	LB050 050	R		3	1		804042		1.8K OHM 5PC 1/2W	
	029.0	LB078 050	R		3	1		223393		12K OHM 5PC 1/2W	LOAD =80V
	030.1	LB074 042				3		803712	03	SOLDER TERMINAL	T LB-6, CRT-6
	031.1	LB058 054				3		803712	I3	SOLDER TERMINAL	F LB-4, YD16
	032.0	LB058 050	R		3	1		223257		10K OHM 5PC 1/2W	
	033.0	LB054 034	R		3	1		804038		470 OHM 5PC 1/2W	
	034.0	LB064 009	P	C		1		804124		5K OHM POT 20PC 1/4W	H=.265
	035.0			L							H=.125
	036.0			1							H=.078
	037.0			2							H=.078
	038.0			3							
	039.0	LB054 038	R		1	1		223351		47 OHM 5PC 1/2W	
	043.1	LB068 026	Q	B		3		804009		2N2043A	
	043.2	LB070 024		C		3					
	043.3	LB066 024		E		3					
	044.0	LB050 022	R		1	1		804042		1.8K OHM 5PC 1/2W	
	045.0	LB058 022	R		1	1		804034		220 OHM 5PC 1/2W	
	046.0	LB078 022	R		1	1		223393		12K OHM 5PC 1/2W	LOAD =80V
	048.1	LB074 030				3		803712	04	SOLDER TERMINAL	T LB-7, CRT-7
	049.0	LB024 009	P	C		1		804126		50K OHM POT 20PC 1/4W	H=.265
	050.0			L							H=.125
	051.0			1							H=.078
	052.0			2							H=.078
	053.0			3							H=.078
	054.1	LB012 022				3		803712	05	SOLDER TERMINAL	T LB-8, CRT-8
	055.1	LB070 054				3		803712		SOLDER TERMINAL	F LB-12, -12V
	056.1	LB076 054				3		803712		SOLDER TERMINAL	F LB-3 , +6V
	057.1	LB034 054				3		803712		SOLDER TERMINAL	F LB-2, GND
	058.1	LB022 054				3		803712		SOLDER TERMINAL	F LB-11, -80V
	059.0	LB004 004				3	VV	000000		MOUNTING HOLE	
	060.0	LB004 059				3	VV	000000		MOUNTING HOLE	
	061.0	LB084 004				3	VV	000000		MOUNTING HOLE	
	062.0	LB084 059				3	VV	000000		MOUNTING HOLE	
AC	5000.000.1	NB220 034				3		803712		SOLDER TERMINAL	F NB-4, FROM DELAY LINE
	001.0	NB218 016	C		3	1		804156	I1	100 PF 10PC 100V MICA	
	002.0	NB221 018	R		3	1		804041		1.5K OHM 5PC 1/2W	BIAS GND
	003.1	NB229 036				3		803712		SOLDER TERMINAL	F NB-5, FROM DELAY LINE
	006.1	NB220 029	Q	B		3		804007		2N711A	
	006.2	NB222 027		C		3					
	006.3	NB218 027		E		3					
	007.0	NB215 033	R		3	1		804033		180 OHM 5PC 1/2W	FEEDBACK

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
AC	5000.007.1	NB208 033	C				3	804097		.47 MFD 10PC 100V MYLAR	BY-PASS
	007.2	208 003					3				
	009.0	NB215 018	R			3	1	804042		1.8K OHM 5PC 1/2W	
	010.0	NB225 033	R			3	1	223253		2.2K OHM 5PC 1/2W	LOAD
	010.1	NB232 033	C				3	804097		.47 MFD 10PC 100V MYLAR	FILTER
	010.2	232 003					3				
	012.0	NB225 018	R			3	1	804032		82 OHM 5PC 1/2W	FILTER
	014.1	NB210 036	C			2	3	804094		.047 MFD 10PC 200V FILM	COUPLING
	014.2	NB194 036					3				
	015.0	NB187 018	R			3	1	223401		4.7K OHM 5PC 1/2W	BIAS GND
	018.1	NB185 025	Q	B			3	804007		2N711A	
	018.2	NB183 027		C			3				
	018.3	NB187 027		E			3				
	019.0	NB190 033	R			3	1	804033		180 OHM 5PC 1/2W	FEEDBACK
	019.1	NB197 033	C				3	804097		.47 MFD 10PC 100V MYLAR	BY-PASS
	019.2	197 003					3				
	021.0	NB190 018	R			3	1	804042		1.8K OHM 5PC 1/2W	
	022.0	NB179 009	P	C			1	804123		2K OHM POT 20PC 1/4W	H=.265
	022.1			L							H=.125
	022.2			1							H=.078
	022.3			2							H=.078
	022.4			3							H=.078
	023.0	NB175 021	R			1	1	804032		82 OHM 5PC 1/2W	
	025.1	NB176 036	C			2	3	804094		.047 MFD 10PC 200V FILM	COUPLING
	025.2	NB160 036					3				
	026.0	NB161 018	R			3	1	223401		4.7K OHM 5PC 1/2W	BIAS GND
	029.1	NB156 035	Q	B			3	804007		2N711A	
	029.2	NB158 033		C			3				
	029.3	NB154 033		E			3				
	030.0	NB151 033	R			3	1	804033		180 OHM 5PC 1/2W	FEEDBACK
	031.0	NB148 033	C			3	1	804162		560 PF 10PC 100V MICA	PEAKING
	031.1	NB141 033	C				3	804097		.47 MFD 10PC 100V MYLAR	BY-PASS
	031.2	141 003					3				
	033.0	NB158 018	R			3	1	804042		1.8K OHM 5PC 1/2W	
	034.0	NB161 021	R			1	1	223253		2.2K OHM 5PC 1/2W	LOAD -12V
	034.1	NB168 033	C				3	804097		.47 MFD 10PC 100V MYLAR	FILTER
	034.2	168 003					3				
	036.0	NB151 036	R			2	1	223351		47 OHM 5PC 1/2W	FILTER
	037.0	NB157 021	S			1	1	803214		TEST POINT	READ AMP
	040.1	NB155 016	Q	B			3	223297		2N1305	
	040.2	NB153 014		C			3				
	040.3	NB153 018		E			3				
	041.0	NB120 021	R			3	1	223388		3.3K OHM 5PC 1/2W	LOAD +6V
	042.0	NB132 025	C			3	1	804094		.047 MFD 10PC 200V FILM	COUPLING
	043.0	NB126 009	R			1	1	223393		12K OHM 5PC 1/2W	BIAS -12V
	044.0	NB123 006	R				1	804042		1.8K OHM 5PC 1/2W	COUPLING
	047.1	NB151 008	Q	B			3	804111		2N2635	
	047.2	NB153 010		C			3				
	047.3	NB153 006		E			3				
	048.0	NB123 009	R			1	1	804041		1.5K OHM 5PC 1/2W	LOAD -12V
	049.0	NB113 009	S			1	1	803214		TEST POINT	XRDL4
	050.1	NB117 006					3	803712	01	SOLDER TERMINAL	T NB-10, XRDL4
AE	6000.000.0	BB 02 06	D	A	2			223292		1N662	
	001.0			C			1				
	002.0	BB 02 07	D	A	2			223292		1N662	
	003.0			C			1				T P10-1, KBIL5
	004.0	JB038 068	R				1	223257		10K OHM 5PC 1/2W	F P12-10, KBIL5
	005.0	JB050 064	R			2	1	223403		6.8K OHM 5PC 1/2W	COUPLING
	006.0	JB050 060	R			2	1	804044		22K OHM 5PC 1/2W	F P12-9, +6V
	007.0	JB033 066	Q	B	1	1		223297		2N1305	INV
	008.0	JB050 052	R			2	1	804041		1.5K OHM 5PC 1/2W	LOAD -12V
	010.5	JB050 048	D	A	2	1	1	223292		1N662	
	011.0	JB021 052	R				1	223228		1K OHM 5PC 1/2W	COUPLING
	012.0	JB021 048	R				1	223353		8.2K OHM 5PC 1/2W	BIAS +6V
	013.0	JB020 058	C				3	804096		.1 MFD 10PC 200V FILM	

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	014.0	JB034 058	C			3	1				
	015.0	JB021 066	Q	B		1		0223297		2N1305	F P12-8, -12V
	016.0	JB050 056	D	A	2	1	1	0311446		FRIDEN DIODE	
	017.0			C			1				
	018.0	JB042 008				3	1	FH0000000		FEED THROUGH HOLE	T JB-8, KBIL3
	019.0	JB094 052	C			3		0804092		.01 MFD 10PC 200V FILM	T P12-1, XKBD5
	020.0	JB077 052	C			3					
	021.0	JB082 048	R			1		0223257		10K OHM 5PC 1/2W	
	022.0	JB082 044	D	A		1	1	0223292		1N662	
	023.0	JB082 040	D	A		1		0223292		1N662	
	024.0	JB082 036	D	A		1		0223292		1N662	
	025.0	JB082 032	D	A		1		0223292		1N662	
	026.0	JB082 028	R			1		0804048		68K OHM 5PC 1/2W	-80V
	028.0	JB077 044	S	1		3		0804211		PEC MODULE	T P12-3, XB267
	029.0	JB077 040		2		3					DIGITS 2TO6, COM FUN
	030.0	JB077 036		3		3					T P12-2, XCF7
	031.0	JB077 032		4		3					
	032.0	JB077 028		5		3					
	033.0	JB077 024		6		3					
	034.0	JB070 044	S	1		3		0804211		PEC MODULE	T P12-4, XB377
	035.0	JB070 040		2		3	1				DIGITS 3TO7, COM DIG
	036.0	JB070 036		3		3	1				T P12-A, XCD7
	037.0	JB070 032		4		3	1				
	038.0	JB070 028		5		3					
	039.0	JB070 024		6		3					
	040.0	JB063 044	S	1		3		0804211		PEC MODULE	T P12-5, XB487
	041.0	JB063 040		2		3	1				DIGITS 4TO8, DEC PT
	042.0	JB063 036		3		3	1				T P12-B, XDP7
	043.0	JB063 032		4		3	1				
	044.0	JB063 028		5		3					
	045.0	JB063 024		6		3					
	046.0	JB056 044	S	1		3		0804211		PEC MODULE	T P12-6, XB597
	047.0	JB056 040		2		3					DIGITS 5TO9, CLR ENT
	048.0	JB056 036		3		3	1				T P12-C, XCE7
	049.0	JB056 032		4		3	1				
	050.0	JB056 028		5		3					
	051.0	JB056 024		6		3					
	052.0	JB049 044	S	1		3		0804211		PEC MODULE	T P12-7, XB157
	053.0	JB049 040		2		3					DIGITS 1TO5, MULT
	054.0	JB049 036		3		3	1				T P12-D, XMU7
	055.0	JB049 032		4		3	1				
	056.0	JB049 028		5		3					
	057.0	JB049 024		6		3					
	058.0	JB042 044	S	1		3		0804211		PEC MODULE	T P12-11, XDV7
	059.0	JB042 040		2		3					DIV, SQ RT
	060.0	JB042 036		3		3	1				T P12-E, XSQ7
	061.1	JB042 032		4		3	1				
	062.0	JB042 028		5		3					
	063.0	JB042 024		6		3					
	064.0	JB035 044	S	1		3	1	0804211		PEC MODULE	T P12-F, XRC7
	065.0	JB035 040		2		3					RECALL, REPEAT
	066.0	JB035 036		3		3	1				T P12-H, XRP7
	067.0	JB035 032		4		3	1				
	068.0	JB035 028		5		3					
	069.0	JB035 024		6		3					
	070.0	JB028 044	S	1		3	1	0804211		PEC MODULE	T P12-J, XCS7
	071.0	JB028 040		2		3					F P12-12, GND
	072.0	JB028 036		3		3	1				T P12-K, XST7
	073.0	JB028 032		4		3	1				CHG SIGN, STORE
	074.0	JB028 028		5		3					
	075.0	JB028 024		6		3					
	076.0	JB021 044	S	1		3	1	0804211		PEC MODULE	T P12-L, XAS7
	077.0	JB021 040		2		3					ADD,SUB
	078.0	JB021 036		3		3	1				T P12-M,XSU7
	079.0	JB021 032		4		3	1				
	080.0	JB021 028		5		3					

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AE	6000.081.0	JB021 024		6		3					
	082.0	JB004 020	D	A		1		223292		1N662	
	083.0	JB016 024	R		2	1	1	804048		68K OHM 5PC 1/2W	
	084.0	JB016 028	R		2	1	1	804048		68K OHM 5PC 1/2W	
	085.0	JB016 032	R		2	1	1	804048		68K OHM 5PC 1/2W	F P12-R, -80V
	086.0	JB004 036	R			1		223258		18K OHM 5PC 1/2W	
	087.0	JB004 040	R			1		223258		18K OHM 5PC 1/2W	
	088.0	JB004 044	R			1		223258		18K OHM 5PC 1/2W	
	089.0	JB004 048	C			1		804087		.001 MFD 10PC 200V FILM	
	090.0	JB004 052	R			1		804049		150 OHM 5PC 1/2W	F P12-15, XOF7
	091.0	JB004 056	R			1	1	804049		150 OHM 5PC 1/2W	F P12-S, XCY7
	092.0	JB004 060	R			1		804049		150 OHM 5PC 1/2W	F P12-13, ESTA1
	093.0	JB004 064	S			1		803214		TEST POINT	XSTA7
	094.0	JB027 013				3	1	FH 000000		FEED THROUGH HOLE	F XKSU7
	095.0	JB027 008				3	1	FH 000000		FEED THROUGH HOLE	F P12-N, AOFL3
	096.0	JB032 013				3		XX 000000		UNPLATED HOLE	F XKCY7
	097.0	JB032 008				3	1	FH 000000		FEED THROUGH HOLE	F XKST7
	098.0	JB037 013				3		XX 000000		UNPLATED HOLE	F XKOF7
	099.0	JB037 008				3	1	FH 000000		FEED THROUGH HOLE	F XKR?7
	100.0	JB042 013				3		XX 000000		UNPLATED HOLE	F XKAS7
	101.0	JB047 013				3		XX 000000		UNPLATED HOLE	F XKCS7
	102.0	JB047 008				3	1	FH 000000		FEED THROUGH HOLE	F XKSQ7
	103.0	JB052 013				3		XX 000000		UNPLATED HOLE	F XKRC7
	104.0	JB052 008				3	1	FH 000000		FEED THROUGH HOLE	F XKMU7
	105.0	JB057 013				3		XX 000000		UNPLATED HOLE	F XKDV7
	106.0	JB057 008				3	1	XY 000000		PLATED THROUGH HOLE	H=.072 -12V
	107.0	JB062 013				3		XX 000000		UNPLATED HOLE	F XK157
	108.0	JB062 008				3	1	FH 000000		FEED THROUGH HOLE	F XKDP7
	109.0	JB067 013				3		XX 000000		UNPLATED HOLE	F XK597
	110.0	JB067 008				3	1	XY 000000		PLATED THROUGH HOLE	H=.072 GND
	111.0	JB072 013				3		XX 000000		UNPLATED HOLE	F XK487
	112.0	JB072 008				3	1	FH 000000		FEED THROUGH HOLE	F XKCD7
	113.0	JB077 013				3		XX 000000		UNPLATED HOLE	F XK377
	114.0	JB077 008				3		XX 000000		UNPLATED HOLE	F XK267
	115.0	JB082 013				3		XX 000000		UNPLATED HOLE	F XKCE7
	116.0	JB082 008				3		XX 000000		UNPLATED HOLE	F XKCF7
	117.0	JB082 024				3		XX 000000		UNPLATED HOLE	
	118.0	JB094 024				3		XX 000000		UNPLATED HOLE	
AE	7000.000.0	XB077 106	D	A		1		223292		1N662	
	001.0	XB074 106	D	A	2	1		223292		1N662	
	002.0	XB077 103	R			1		223403		6.8K OHM 5PC 1/2W	
	003.0	XB074 103	R		2	1		223403		6.8K OHM 5PC 1/2W	
	004.0	XB077 098	C			1		804094		.047 MFD 10PC 200V FILM	
	005.0	XB074 098	C		2	1		804094		.047 MFD 10PC 200V FILM	
	006.0	XB081 091	Q	B		1		223297		2N1305	
	007.0	XB066 091	Q	B		1		223297		2N1305	
	008.0	XB077 110	R			1		804039		560 OHM 5PC 1/2W	LOAD
	009.0	XB074 110	R		2	1		804039		560 OHM 5PC 1/2W	LOAD
	010.0	XB062 086	R			1		804039		560 OHM 5PC 1/2W	BIAS
	011.0	XB077 086	D	A		1		223292		1N662	CLAMP
	012.0	XB039 098	Q	B		1		798006		2N669F	*X+020**Y+009*
	013.0	XB039 089		E		1					*X+020**Y+041*
	014.0	XB049 094		C		1					*X+038*
	015.0	XB026 094		C		1					
	016.1	XB021 089				3		803712		SOLDER TERMINAL	T MB-7, T2-BLUE
	016.5	XB013 112	R			1		804108		10 OHM 5PC 2W	VALUE MAY BE 12 OHM 2W 5 PC OR 15 OHM 2W 5 PC
	016.6										
	017.1	XB015 070	C	P		1	1	804101		100 MFD 25V ELECTRO.	
	018.5	XB021 105				3		803712		SOLDER TERMINAL	T MB-8, T2-RED
	019.1	XB016 056				3		804003		HI-VOLTAGE TRANSFORMER	
	019.2	XB016 016				3					
	022.1	XB030 018				3		803712		SOLDER TERMINAL	F MB-11, T2-BLACK
	023.0	XB054 018	D	A	2	1		804114		DI 1351 600V 500MA REC.	
	024.0	XB078 018	D	A	2	1		804114		DI 1351 600V 500MA REC.	
	025.0	XB078 026	C		2	1		804136		.1 MFD 600V MOLDED	
	026.0	XB078 039	C		2	1		804136		.1 MFD 600V MOLDED	
	027.0	XB096 020	D	A	2	1		804114		DI 1351 600V 500MA REC.	
	028.0	XB120 020	D	A	2	1		804114		DI 1351 600V 500MA REC.	
	029.0	XB120 028	C		2	1		804136		.1 MFD 600V MOLDED	

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AD 7000	030.0	XB120 041	C		2		1	804136		.1 MFD 600V MOLDED	
	031.0	XB138 022	D	A	2		1	804114		DI 1351 600V 500MA REC.	
	032.0	XB162 022	D	A	2		1	804114		DI 1351 600V 500MA REC.	
	033.0	XB162 030	C		2		1	804136		.1 MFD 600V MOLDED	
	034.0	XB162 043	C		2		1	804136		.1 MFD 600V MOLDED	
	035.1	XB030 054					3	803712		SOLDER TERMINAL	F MB-20, T2-GREEN
	036.0	XB034 052	C				1	804136		.1 MFD 600V MOLDED	
	037.0	XB034 065	C				1	804136		.1 MFD 600V MOLDED	
	038.0	XB034 073	D	A			1	804114		DI 1351 600V 500MA REC.	
	039.0	XB058 073	D	A			1	804114		DI 1351 600V 500MA REC.	
	040.0	XB076 054	C				1	804136		.1 MFD 600V MOLDED	
	041.0	XB076 067	C				1	804136		.1 MFD 600V MOLDED	
	042.0	XB076 075	D	A			1	804114		DI 1351 600V 500MA REC.	
	043.0	XB100 075	D	A			1	804114		DI 1351 600V 500MA REC.	
	044.0	XB118 058	C				1	804136		.1 MFD 600V MOLDED	
	045.0	XB118 071	C				1	804136		.1 MFD 600V MOLDED	
	046.0	XB118 079	D	A			1●	804114		DI 1351 600V 500MA REC.	
	047.0	XB142 079	D	A			1	804114		DI 1351 600V 500MA REC.	
	048.0	XB176 027	P	C			1	804127		500K OHM POT 30PC 1/5W	H=.265
	048.1	XB		L							H=.125
	048.2	XB		1							H=.078
	048.3	XB		2							H=.078
	048.4	XB		3							H=.078
	049.0	XB171 040	R				1	804052		470K OHM 5PC 1/2W	
	050.0	XB191 066	C			3	1	804136		.1 MFD 600V MOLDED	
	051.0	XB181 062				3	1	804019		NE-2 LAMP	
	052.0	XB181 055				3	1	804019		NE-2 LAMP	
	053.0	XB181 048				3	1	804019		NE-2 LAMP	
	054.0	XB177 050	D	A	1		1	804113		DI 1323A 400V 500MA REC	
	055.0	XB174 050	R		1		1	804054		2.2 MEG OHM 5PC 1/2W	
	056.1	XB178 066					3	803712		SOLDER TERMINAL	T MB-2, CRT-2
	057.0	XB201 063	R		3		1	804109		680K OHM 5PC 2W	
	058.1	XB208 056					3	803712		SOLDER TERMINAL	T MB-1, CRT-3
	059.0	XB201 040	R				1	804053		1 MEG OHM 5PC 1/2W	
	060.0	XB206 027	P	C			1	804127		500K OHM POT 30PC 1/5W	H=.265
	060.1	XB		L							H=.125
	060.2	XB		1							H=.078
	060.3	XB		2							H=.078
	060.4	XB		3							H=.078
	061.1	XB208 045					3	803712		SOLDER TERMINAL	T MB-4, CRT-4
	062.0	XB215 043	R			1	1	804063		820K OHM 5PC 2W	
	063.0	XB215 067	R				1	804063		820K OHM 5PC 2W	
	064.0	XB197 075					1				*Y+010*
	065.0	XB193 076	R				1	804063		820K OHM 5PC 2W	*Y+010*
	066.0	XB173 080					1				*X+025**Y+020*
	066.1	XB183 069	C				3	804098		.005 MFD 3KV CERAMIC	
	066.2	XB174 076					3				
AD 7001	000.1	XB125 102					3	803712	I1	SOLDER TERMINAL	F MB-3, YBL5
	001.0	XB125 098	R			3	1	223403		6.8K OHM 5PC 1/2W	COUPLING
	002.0	XB122 098	C			3	1	804087		.001 MFD 10PC 200V FILM	SPEED UP
	003.0	XB119 086	R			1	1	223258		18K OHM 5PC 1/2W	BIAS
	004.0	XB131 090	Q	B			1	804009		2N2043A	INVERTER
	005.0	XB133 088		C			1				
	006.0	XB 29 88		E							
	007.0	XB139 090	R			1	1	804118	O1	10K OHM 5PC 2W	LOAD
	808.1	XB136 117					3	803712		SOLDER TERMINAL	T MB-5, -80V
	009.0	XB136 122	S			1	1	803214		TEST POINT	-80V
	010.0	XB129 094	D	A	1		1	804112		DI 1322 100V 500MA REC.	
	011.0	XB133 094	R			1	1	804059		10K OHM 5PC 1W	
	012.0	XB131 122	S			1	1	803214		TEST POINT	GND
	012.1	XB158 084	R				3	223277		100 OHM 5PC 1/2W	
	012.2	XB169 081					3				*X+025**Y+010*
	012.3	XB168 074	C				3	804098		.005 MFD 3KV CERAMIC	
	012.4	XB174 066					3				
AD 7002	000.0	XB112 142	D	A			1	804113		DI 1323A 400V 500MA REC	

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
AD	7002.001.0	XB112 147	D		A		1	804113		DI 1323A 400V 500MA REC	
	001.4	XB112 152					3	803712		SOLDER TERMINAL	T MB-16, R3-1
	001.5	XB136 142					3	803712		SOLDER TERMINAL	F MB-17, T1-RED
	001.6	XB136 148					3	803712		SOLDER TERMINAL	F MB-18, T1-RED
	005.0	XB096 145	C				1	804104		300 MFD 200V ELECTRO.	
AE	7003.000.1	XB074 130					3	803712		SOLDER TERMINAL	F MB-13, L1-1, R2-2
	001.0	XB071 145	C	P			1	804103		1450 MFD 50V ELECTRO.	
	002.0	XB078 127	R				1	804128		100 OHM 5PC 5W	
	003.0	XB103 099	Q		B		1	798006		2N669F	*X+010**Y+015
	004.0	XB110 094			E		1				*X+020**Y+010
	005.0	XB 99 86			C						*X+040**Y+015*
	006.0	XB 12 05			C						
	007.1	XB119 112					3	803712		SOLDER TERMINAL	F MB-9, Q2-B
	008.0	XB013 120	D		A		1	804012		1N759A 12V ZENER DIODE	
	009.0	XB033 120			C		1				
	010.0	XB038 120	R			3	1	223259		680 OHM 5PC 1/2W	BIAS
	010.1	XB074 118	C				3	804096		.1 MFD 10PC 200V FILM	
	010.2	XB094 118					3				
	012.0	XB063 130	D		A	2	1	311446		FRIDEN DIODE	
	013.0	XB043 130			C		1				
	014.0	XB033 125	D		A	2	1	311446		FRIDEN DIODE	
	015.0	XB013 125			C		1				
	016.0	XB021 145	C		P		1	804106		1000 MFD 25V ELECTRO.	
	017.1	XB021 130					3	803712		SOLDER TERMINAL	T MB-12, -12V
	018.0	XB025 130	S				1	803214		TEST POINT	-12V
AD	7004.000.1	XB068 119					3	803712		SOLDER TERMINAL	F MB-14, T1-BLUE
	001.0	XB063 120	D		A	2	1	804112		DI 1322 100V 500MA REC.	
	002.0	XB043 120			C		1				
	003.1	XB068 125					3	803712		SOLDER TERMINAL	F MB-15, T1-BLUE
	004.0	XB063 125	D		A	2	1	804112		DI 1322 100V 500MA REC.	
	005.0	XB043 125			C		1				
	006.1	XB058 135					3	803712		SOLDER TERMINAL	T MB-19, R1-2
	007.0	XB046 145	C		P		1	804107		2000 MFD 25V ELECTRO.	
	008.0	XB106 123	R				1	223228		1K OHM 5PC 1/2W	
	009.0	XB102 116	C		P		1	804102		25 MFD 25V ELECTROLYTIC	
	010.0	XB119 116			M		1				
	011.0	XB118 126	R			2	1	804038		470 OHM 5PC 1/2W	
	012.0	XB122 130	Z		A	2	1	223294		1N709A 6V ZENER DIODE	
	013.0	XB102 130			C		1				
	014.1	XB106 133					3	803712		SOLDER TERMINAL	T MB-10, Q1-B
	015.1	XB126 117					3	803712		SOLDER TERMINAL	T MB-6, +6V
	016.0	XB126 122	S			1	1	803214		TEST POINT	+6V
	017.1	XB089 091					3	803712		SOLDER TERMINAL	T MB-11, GND
	018.1	XB130 152					3	803712		SOLDER TERMINAL	T MB-22, DS1-1
	019.0	XB130 152	R			2	1	223331		47K OHM 5PC 1/2W	FOR PILOT LIGHT
AC	7006.012.0	PB013 035	D		A	3	3	804116		DI 1324 100V 1A REC.	
	013.0	PB 13 05			C						
	014.0	PB021 035	D		A	3	3	804116		DI 1324 100V 1A REC.	
	015.0	PB 21 05			C						
	016.0	PB029 005	D		A	1	3	804116		DI 1324 100V 1A REC.	
	017.0	PB 29 35			C						
	018.0	PB037 005	D		A	1	3	804116		DI 1324 100V 1A REC.	
	019.0	PB 37 35			C						
	020.0	PB013 005					3	803712		SOLDER TERMINAL	
	021.0	PB013 035					3	803712		SOLDER TERMINAL	
	022.0	PB021 005					3	803712		SOLDER TERMINAL	F PB-2, GND
	023.0	PB021 035					3	803712		SOLDER TERMINAL	
	024.0	PB029 005					3	803712		SOLDER TERMINAL	
	025.0	PB029 035					3	803712		SOLDER TERMINAL	F PB-4, T1-BROWN
	026.0	PB037 005					3	803712		SOLDER TERMINAL	T PB-1, F2-2
	027.0	PB037 035					3	803712		SOLDER TERMINAL	F PB-3, T1-BROWN
AC	8000.000.1	NB066 006					3	803712		SOLDER TERMINAL	F NB-3, ESTA3
	001.0	NB066 012	D		A	1	1	223292	11	1N662	INPUT

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
AC	8000.002.1	NB060 006				3		803712		SOLDER TERMINAL	F NB-7, CIC4
	003.0	NB062 012	D	A	1	1		223292	I2	1N662	INPUT
	004.0	NB059 024	R		1	1		223256		3.9K OHM 5PC 1/2W	LOAD
	005.0	NB056 034	C		3	1		804159		330 PF 10PC 100V MICA	SPEED-UP
	006.0	NB053 036	R		3	1		223256		3.9K OHM 5PC 1/2W	COUPLING
	007.0	NB058 021	R		3	1		804044		22K OHM 5PC 1/2W	BIAS
	010.1	NB048 027	Q	B		3		223297		2N1305	
	010.2	NB046 025		C		3					
	010.3	NB046 029		E		3					
	011.0	NB053 021	R		3	1		804117		470 OHM 5PC 1W	LOAD
	012.0	NB053 006				1					
	013.0	NB040 021	C		1	1		804161		470 PF 10PC 100V MICA	
	014.0	NB037 033	D	A	3	1		223292		1N662	
	015.0	NB037 018	R		3	1		804042		1.8K OHM 5PC 1/2W	
	016.0	NB045 009	P	C		1		804123		2K OHM POT 20PC 1/4W	H=.265
	016.1			L							H=.125
	016.2			1							H=.078
	016.3			2							H=.078
	016.4			3							H=.078
	019.1	NB022 012	Q	B		3		223297		2N1305	
	019.2	NB020 010		C		3					
	019.3	NB020 014		E		3					
	020.0	NB013 022	R		3	1		804058		120 OHM 5PC 1W	
	021.0	NB013 006				1					
	022.0	NB031 006	R		1	1		804061		180 OHM 5PC 2W	LOAD
	023.0	NB031 026				1					
	024.0	NB025 018	D	A	3	1		223292		1N662	
	025.0	NB025 033	D	A	3	1		223292		1N662	
	028.1	NB018 027	Q	B		3		223297		2N1305	
	028.2	NB020 029		C		3					
	028.3	NB020 025		E		3					
	029.0	NB018 035	R			1		223228	01	1K OHM 5PC 1/2W	LOAD
	030.1	NB015 033				3		803712		SOLDER TERMINAL	T NB-2, TO DELAY LINE
	031.1	NB033 033				3		803712		SOLDER TERMINAL	T NB-1, TO DELAY LINE
	032.0	NB078 012	R		1	1		804057		4.7 OHM 5PC 1/2W	FILTER
	032.1	NB072 024	C			3		804096		.1 MFD 10PC 200V FILM	FILTER
	032.2	NB072 006				3					
	035.0	NB090 012	R		1	1		804057		4.7 OHM 5PC 1/2W	FILTER
	035.1	NB084 024	C			3		804096		.1 MFD 10PC 200V FILM	FILTER
	035.2	NB084 006				3					
	038.1	NB078 006				3		803712		SOLDER TERMINAL	F NB-8, -12V
	039.1	NB090 006				3		803712		SOLDER TERMINAL	F NB-6, +6V
	040.1	NB101 006				3		803712		SOLDER TERMINAL	F NB-9, GND
AE	9000.000.0	BB210 003				3	1	FH 000000		FEED THROUGH HOLE	
	001.0	AB024 003				3	1	FH 000000		FEED THROUGH HOLE	
	002.0	AB 03 02	R					804056		2.7 OHM 5PC 1/2W	
	003.0	AB 03 01	C		2		1	804096		.1 MFD 10PC 200V FILM	
	004.0	AB 01 04	R				1	804056		2.7 OHM 5PC 1/2W	
	005.0	AB 03 03	C		2			804096		.1 MFD 10PC 200V FILM	
	006.0	BB 23 21	R				1	804056		2.7 OHM 5PC 1/2W	
	007.0						1				
	007.1	BB206 120	C			1		804096		.1 MFD 10PC 200V FILM	
	009.0	BB 23 22	R				1	804056		2.7 OHM 5PC 1/2W	F P11-Y, -12V
	010.0						1				
	011.0	BB 24 23	C				1	804096		.1 MFD 10PC 200V FILM	
	012.0	BB 26 23	C								F P11-Z, GND
	013.0	CB 01 02	R				1	804056		2.7 OHM 5PC 1/2W	F P9-Z, -12V
	014.0						1				
	015.0	CB 03 01	C		2		1	804096		.1 MFD 10PC 200V FILM	
	016.0										F P9-22, GND
	017.0	CB 04 02	R		2		1	804056		2.7 OHM 5PC 1/2W	
	017.1	CB 06 01	C		2			804096		.1 MFD 10PC 200V FILM	
	018.0	DB186 003				3	1	FH 000000		FEED THROUGH HOLE	
	019.0	CB048 003				3	1	FH 000000		FEED THROUGH HOLE	
	020.0	DB210 003				3	1	FH 000000		FEED THROUGH HOLE	
	021.0	CB024 003				3	1	FH 000000		FEED THROUGH HOLE	

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
AE 9000.	022.0	CB 23 28	R					804056		2.7 OHM 5PC 1/2W	F P8-4, -12V
	023.5	CB 23 26			2	1	FH	000000		FEED THROUGH HOLE	
	024.0	CB 26 29	C		2			804096		.1 MFD 10PC 200V FILM	F P8-1, GND
	025.0	CB 22 27	R		2		1	804056		2.7 OHM 5PC 1/2W	
	026.5	CB 26 27	C		2			804096		.1 MFD 10PC 200V FILM	
	027.0	EB 23 35	R				1	804056		2.7 OHM 5PC 1/2W	F P6-10, -12V
	028.0						1				
	029.0	EB206 125	C			1	1	804096		.1 MFD 10PC 200V FILM	
	030.0										F P6-1, GND
	031.0	EB198 003				3	1	FH 000000		FEED THROUGH HOLE	
	032.0	FB036 003				3	1	FH 000000		FEED THROUGH HOLE	
	033.0	FB016 008	R			1		804056		2.7 OHM 5PC 1/2W	
	034.0	FB 03 02	C		2			804096		.1 MFD 10PC 200V FILM	
	035.0	FB042 003				3	1	FH 000000		FEED THROUGH HOLE	
	036.0	EB192 003				3	1	FH 000000		FEED THROUGH HOLE	
	037.0	EB165 003				3	1	FH 000000		FEED THROUGH HOLE	F P6-L, -12V
	038.0	FB069 003				3	1	FH 000000		FEED THROUGH HOLE	
	039.0	FB062 008	R			1	1	804056		2.7 OHM 5PC 1/2W	
	040.0	FB 08 02	C		2			804096		.1 MFD 10PC 200V FILM	
	041.0	FB039 008	R			1	1	804056		2.7 OHM 5PC 1/2W	
	041.1	FB051 013	C		2	1		804096		.1 MFD 10PC 200V FILM	
	043.0	GB011 121	R			1	1	804056		2.7 OHM 5PC 1/2W	F P5-Z, -12V
	044.0						1				
	046.1	GB045 124	C		2	1	1	804096		.1 MFD 10PC 200V FILM	
	046.2										F P5-22, GND
	047.0	GB211 126	R			1	1	804056		2.7 OHM 5PC 1/2W	F P4-A, -12V
	048.0	GB206 122	C			1		804096		.1 MFD 10PC 200V FILM	
	049.0										F P4-1, GND
	050.0	GB225 003				3	1	FH 000000		FEED THROUGH HOLE	
	051.0	HB009 003				3	1	FH 000000		FEED THROUGH HOLE	
	052.0	HB 04 01	R		2		1	804056		2.7 OHM 5PC 1/2W	
	053.0	HB028 007	C		2	1		804096		.1 MFD 10PC 200V FILM	
	054.0	GB012 003				3	1	FH 000000		FEED THROUGH HOLE	
	055.0	HB222 003				3	1	FH 000000		FEED THROUGH HOLE	
	056.0	HB223 006	R		2	1		804056		2.7 OHM 5PC 1/2W	
	057.0	HB206 010	C			1		804096		.1 MFD 10PC 200V FILM	
AE 9001.	000.0	AB006 003				3	1	FH 000000		FEED THROUGH HOLE	GND
	001.0	AB009 003				3	1	FH 000000		FEED THROUGH HOLE	
	002.0	AB021 003				3	1	FH 000000		FEED THROUGH HOLE	
	003.0	AB027 003				3	1	FH 000000		FEED THROUGH HOLE	
	004.0	AB030 003				3	1	FH 000000		FEED THROUGH HOLE	+6V
	005.0	AB033 003				3	1	FH 000000		FEED THROUGH HOLE	
	006.0	AB093 003				3	1	FH 000000		FEED THROUGH HOLE	
	006.5	AB228 003				3	1	FH 000000		FEED THROUGH HOLE	
	022.0	BB006 003				3	1	FH 000000		FEED THROUGH HOLE	F P10-A, GND
	023.0	BB141 003				3	1	FH 000000		FEED THROUGH HOLE	
	024.0	BB201 003				3	1	FH 000000		FEED THROUGH HOLE	
	025.0	BB204 003				3	1	FH 000000		FEED THROUGH HOLE	+6V
	026.0	BB207 003				3	1	FH 000000		FEED THROUGH HOLE	
	027.0	BB213 003				3	1	FH 000000		FEED THROUGH HOLE	
	028.0	BB225 003				3	1	FH 000000		FEED THROUGH HOLE	
	028.5	BB228 003				3	1	FH 000000		FEED THROUGH HOLE	
	040.0	CB006 003				3	1	FH 000000		FEED THROUGH HOLE	GND
	041.0	CB126 003				3	1	FH 000000		FEED THROUGH HOLE	
	042.0	CB177 003				3	1	FH 000000		FEED THROUGH HOLE	
	043.0	CB180 003				3	1	FH 000000		FEED THROUGH HOLE	+6V
	044.0	CB222 003				3	1	FH 000000		FEED THROUGH HOLE	+6V
	045.0	CB225 003				3	1	FH 000000		FEED THROUGH HOLE	
	045.5	CB228 003				3	1	FH 000000		FEED THROUGH HOLE	
	057.0	DB006 003				3	1	FH 000000		FEED THROUGH HOLE	GND
	058.0	DB009 003				3	1	FH 000000		FEED THROUGH HOLE	
	059.0	DB012 003				3	1	FH 000000		FEED THROUGH HOLE	+6V
	060.0	DB054 003				3	1	FH 000000		FEED THROUGH HOLE	+6V
	061.0	DB057 003				3	1	FH 000000		FEED THROUGH HOLE	
	062.0	DB108 003				3	1	FH 000000		FEED THROUGH HOLE	
	062.5	DB228 003				3	1	FH 000000		FEED THROUGH HOLE	

Courtesy The Old Calculator Museum
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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER IN / OUT	PART DESCRIPTION	REMARKS
	074.0	EB006 003				3	1	FH0000000	FEED THROUGH HOLE	
	075.0	EB009 003				3	1	FH0000000	FEED THROUGH HOLE	
	076.0	EB075 003				3	1	FH0000000	FEED THROUGH HOLE	
	077.0	EB099 003				3	1	FH0000000	FEED THROUGH HOLE	
	078.0	EB105 003				3	1	FH0000000	FEED THROUGH HOLE	
	079.0	EB132 003				3	1	FH0000000	FEED THROUGH HOLE	
	080.0	EB135 003				3	1	FH0000000	FEED THROUGH HOLE	
	081.0	EB141 003				3	1	FH0000000	FEED THROUGH HOLE	
	082.0	EB144 003				3	1	FH0000000	FEED THROUGH HOLE	
	083.0	EB147 003				3	1	FH0000000	FEED THROUGH HOLE	
	084.0	EB153 003				3	1	FH0000000	FEED THROUGH HOLE	
	085.0	EB189 003				3	1	FH0000000	FEED THROUGH HOLE	
	086.0	EB195 003				3	1	FH0000000	FEED THROUGH HOLE	
	087.0	EB201 003				3	1	FH0000000	FEED THROUGH HOLE	
	088.0	EB207 003				3	1	FH0000000	FEED THROUGH HOLE	
	089.0	EB210 003				3	1	FH0000000	FEED THROUGH HOLE	
	090.0	EB213 003				3	1	FH0000000	FEED THROUGH HOLE	
	091.0	EB222 003				3	1	FH0000000	FEED THROUGH HOLE	
	092.0	EB225 003				3	1	FH0000000	FEED THROUGH HOLE	
	092.5	EB228 003				3	1	FH0000000	FEED THROUGH HOLE	
	106.0	FB006 003				3	1	FH0000000	FEED THROUGH HOLE	
	107.0	FB009 003				3	1	FH0000000	FEED THROUGH HOLE	
	108.0	FB012 003				3	1	FH0000000	FEED THROUGH HOLE	
	109.0	FB021 003				3	1	FH0000000	FEED THROUGH HOLE	
	110.0	FB024 003				3	1	FH0000000	FEED THROUGH HOLE	
	111.0	FB027 003				3	1	FH0000000	FEED THROUGH HOLE	
	112.0	FB033 003				3	1	FH0000000	FEED THROUGH HOLE	
	113.0	FB039 003				3	1	FH0000000	FEED THROUGH HOLE	
	114.0	FB045 003				3	1	FH0000000	FEED THROUGH HOLE	
	115.0	FB081 003				3	1	FH0000000	FEED THROUGH HOLE	
	116.0	FB087 003				3	1	FH0000000	FEED THROUGH HOLE	
	117.0	FB090 003				3	1	FH0000000	FEED THROUGH HOLE	
	118.0	FB093 003				3	1	FH0000000	FEED THROUGH HOLE	
	119.0	FB099 003				3	1	FH0000000	FEED THROUGH HOLE	
	120.0	FB102 003				3	1	FH0000000	FEED THROUGH HOLE	
	121.0	FB129 003				3	1	FH0000000	FEED THROUGH HOLE	
	122.0	FB135 003				3	1	FH0000000	FEED THROUGH HOLE	
	123.0	FB159 003				3	1	FH0000000	FEED THROUGH HOLE	
	124.0	FB225 003				3	1	FH0000000	FEED THROUGH HOLE	
	124.5	FB228 003				3	1	FH0000000	FEED THROUGH HOLE	
	144.0	GB006 003				3	1	FH0000000	FEED THROUGH HOLE	
	145.0	GB009 003				3	1	FH0000000	FEED THROUGH HOLE	
	146.0	GB015 003				3	1	FH0000000	FEED THROUGH HOLE	
	147.0	GB024 003				3	1	FH0000000	FEED THROUGH HOLE	
	148.0	GB036 003				3	1	FH0000000	FEED THROUGH HOLE	
	149.0	GB048 003				3	1	FH0000000	FEED THROUGH HOLE	
	150.0	GB063 003				3	1	FH0000000	FEED THROUGH HOLE	
	151.0	GB069 003				3	1	FH0000000	FEED THROUGH HOLE	
	151.5	GB072 003				3	1	FH0000000	FEED THROUGH HOLE	
	152.0	GB081 003				3	1	FH0000000	FEED THROUGH HOLE	
	153.0	GB084 003				3	1	FH0000000	FEED THROUGH HOLE	
	155.0	GB093 003				3	1	FH0000000	FEED THROUGH HOLE	
	156.0	GB096 003				3	1	FH0000000	FEED THROUGH HOLE	
	157.0	GB108 003				3	1	FH0000000	FEED THROUGH HOLE	
	158.0	GB114 003				3	1	FH0000000	FEED THROUGH HOLE	
	159.0	GB123 003				3	1	FH0000000	FEED THROUGH HOLE	
	160.0	GB153 003				3	1	FH0000000	FEED THROUGH HOLE	
	161.0	GB159 003				3	1	FH0000000	FEED THROUGH HOLE	
	161.2	GB195 003				3	1	FH0000000	FEED THROUGH HOLE	
	161.3	GB198 003				3	1	FH0000000	FEED THROUGH HOLE	
	161.5	GB228 003				3	1	FH0000000	FEED THROUGH HOLE	
	177.0	HB006 003				3	1	FH0000000	FEED THROUGH HOLE	
	177.2	HB036 003				3	1	FH0000000	FEED THROUGH HOLE	
	177.3	HB039 003				3	1	FH0000000	FEED THROUGH HOLE	
	178.0	HB075 003				3	1	FH0000000	FEED THROUGH HOLE	
	179.0	HB081 003				3	1	FH0000000	FEED THROUGH HOLE	
	180.0	HB111 003				3	1	FH0000000	FEED THROUGH HOLE	
	181.0	HB120 003				3	1	FH0000000	FEED THROUGH HOLE	
	182.0	HB126 003				3	1	FH0000000	FEED THROUGH HOLE	
	183.0	HB138 003				3	1	FH0000000	FEED THROUGH HOLE	

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F R I D E N I N C
EC/132 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER IN OUT	PART DESCRIPTION	REMARKS
	184.0	HB141 003		3	1			FH0000000	FEED THROUGH HOLE	

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REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	185.0	HB150 003				3	1	FH0000000		FEED THROUGH HOLE	
	186.0	HB153 003				3	1	FH0000000		FEED THROUGH HOLE	
	187.0	HB162 003				3	1	FH0000000		FEED THROUGH HOLE	
	188.0	HB165 003				3	1	FH0000000		FEED THROUGH HOLE	
	189.0	HB171 003				3	1	FH0000000		FEED THROUGH HOLE	
	190.0	HB186 003				3	1	FH0000000		FEED THROUGH HOLE	
	191.0	HB198 003				3	1	FH0000000		FEED THROUGH HOLE	
	192.0	HB210 003				3	1	FH0000000		FEED THROUGH HOLE	
	193.0	HB219 003				3	1	FH0000000		FEED THROUGH HOLE	
	194.0	HB225 003				3	1	FH0000000		FEED THROUGH HOLE	
	194.5	HB228 003				3	1	FH0000000		FEED THROUGH HOLE	
	214.0	AB003 012				3		XX0000000		UNPLATED HOLE	H=.042
	215.0	AB003 032				3		XX0000000		UNPLATED HOLE	H=.042
	216.0	AB003 072				3		XX0000000		UNPLATED HOLE	H=.042
	217.0	AB003 112				3		XX0000000		UNPLATED HOLE	H=.042
	218.0	AB011 012				3		XX0000000		UNPLATED HOLE	H=.042
	219.0	AB008 032				3		XX0000000		UNPLATED HOLE	H=.042
	220.0	AB008 072				3		XX0000000		UNPLATED HOLE	H=.042
	221.0	AB008 112				3		XX0000000		UNPLATED HOLE	H=.042
	222.0	AB231 034				3		XX0000000		UNPLATED HOLE	H=.042
	223.0	AB231 068				3		XX0000000		UNPLATED HOLE	H=.042
	224.0	AB231 117				3		XX0000000		UNPLATED HOLE	H=.042
	225.0	AB225 034				3		XX0000000		UNPLATED HOLE	H=.042
	226.0	AB223 068				3		XX0000000		UNPLATED HOLE	H=.042
	227.0	AB223 117				3		XX0000000		UNPLATED HOLE	H=.042
	228.0	BB003 021				3		XX0000000		UNPLATED HOLE	H=.042
	229.0	BB003 110				3		XX0000000		UNPLATED HOLE	H=.042
	230.0	BB008 021				3		XX0000000		UNPLATED HOLE	H=.042
	231.0	BB011 110				3		XX0000000		UNPLATED HOLE	H=.042
	232.0	BB231 034				3		XX0000000		UNPLATED HOLE	H=.042
	233.0	BB231 078				3		XX0000000		UNPLATED HOLE	H=.042
	234.0	BB231 117				3		XX0000000		UNPLATED HOLE	H=.042
	235.0	BB223 034				3		XX0000000		UNPLATED HOLE	H=.042
	236.0	BB224 078				3		XX0000000		UNPLATED HOLE	H=.042
	237.0	BB223 117				3		XX0000000		UNPLATED HOLE	H=.042
	238.0	CB003 009				3		XX0000000		UNPLATED HOLE	H=.042
	239.0	CB003 021				3		XX0000000		UNPLATED HOLE	H=.042
	240.0	CB003 128				3		XX0000000		UNPLATED HOLE	H=.042
	241.0	CB008 009				3		XX0000000		UNPLATED HOLE	H=.042
	242.0	CB008 021				3		XX0000000		UNPLATED HOLE	H=.042
	243.0	CB011 128				3		XX0000000		UNPLATED HOLE	H=.042
	245.0	CB231 117				3		XX0000000		UNPLATED HOLE	H=.042
	247.0	CB223 117				3		XX0000000		UNPLATED HOLE	H=.042
	248.0	DB003 029				3		XX0000000		UNPLATED HOLE	H=.042
	249.0	DB003 061				3		XX0000000		UNPLATED HOLE	H=.042
	250.0	DB003 107				3		XX0000000		UNPLATED HOLE	H=.042
	251.0	DB008 029				3		XX0000000		UNPLATED HOLE	H=.042
	252.0	DB008 061				3		XX0000000		UNPLATED HOLE	H=.042
	253.0	DB008 107				3		XX0000000		UNPLATED HOLE	H=.042
	254.0	DB224 029				3		XX0000000		UNPLATED HOLE	H=.042
	255.0	DB226 059				3		XX0000000		UNPLATED HOLE	H=.042
	256.0	DB231 029				3		XX0000000		UNPLATED HOLE	H=.042
	257.0	DB231 059				3		XX0000000		UNPLATED HOLE	H=.042
	258.0	EB003 015				3		XX0000000		UNPLATED HOLE	H=.042
	259.0	EB003 025				3		XX0000000		UNPLATED HOLE	H=.042
	260.0	EB003 077				3		XX0000000		UNPLATED HOLE	H=.042
	261.0	EB003 128				3		XX0000000		UNPLATED HOLE	H=.042
	262.0	EB008 015				3		XX0000000		UNPLATED HOLE	H=.042
	263.0	EB008 025				3		XX0000000		UNPLATED HOLE	H=.042
	264.0	EB011 077				3		XX0000000		UNPLATED HOLE	H=.042
	265.0	EB011 128				3		XX0000000		UNPLATED HOLE	H=.042
	266.0	EB231 019				3		XX0000000		UNPLATED HOLE	H=.042
	267.0	EB231 122				3		XX0000000		UNPLATED HOLE	H=.042
	268.0	EB226 019				3		XX0000000		UNPLATED HOLE	H=.042
	269.0	EB223 122				3		XX0000000		UNPLATED HOLE	H=.042

Courtesy The Old Calculator Museum
http://oldcalculatormuseum.com

REV LTR	REF-LINE INSERT	LOCATION	T	L O A P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	270.0	FB003 016		3	XX0000000		UNPLATED HOLE	H=.042
	271.0	FB003 062		3	XX0000000		UNPLATED HOLE	H=.042
	272.0	FB011 016		3	XX0000000		UNPLATED HOLE	H=.042
	273.0	FB008 062		3	XX0000000		UNPLATED HOLE	H=.042
	274.0	FB231 013		3	XX0000000		UNPLATED HOLE	H=.042
	275.0	FB231 019		3	XX0000000		UNPLATED HOLE	H=.042
	276.0	FB231 029		3	XX0000000		UNPLATED HOLE	H=.042
	277.0	FB231 035		3	XX0000000		UNPLATED HOLE	H=.042
	278.0	FB231 069		3	XX0000000		UNPLATED HOLE	H=.042
	279.0	FB231 085		3	XX0000000		UNPLATED HOLE	H=.042
	280.0	FB231 122		3	XX0000000		UNPLATED HOLE	H=.042
	281.0	FB226 013		3	XX0000000		UNPLATED HOLE	H=.042
	282.0	FB226 019		3	XX0000000		UNPLATED HOLE	H=.042
	283.0	FB226 029		3	XX0000000		UNPLATED HOLE	H=.042
	284.0	FB226 035		3	XX0000000		UNPLATED HOLE	H=.042
	285.0	FB223 069		3	XX0000000		UNPLATED HOLE	H=.042
	286.0	FB226 085		3	XX0000000		UNPLATED HOLE	H=.042
	287.0	FB226 122		3	XX0000000		UNPLATED HOLE	H=.042
	288.0	GB003 035		3	XX0000000		UNPLATED HOLE	H=.042
	289.0	GB003 070		3	XX0000000		UNPLATED HOLE	H=.042
	290.0	GB003 124		3	XX0000000		UNPLATED HOLE	H=.042
	291.0	GB008 035		3	XX0000000		UNPLATED HOLE	H=.042
	292.0	GB011 070		3	XX0000000		UNPLATED HOLE	H=.042
	293.0	GB011 124		3	XX0000000		UNPLATED HOLE	H=.042
	294.0	GB231 039		3	XX0000000		UNPLATED HOLE	H=.042
	295.0	GB231 052		3	XX0000000		UNPLATED HOLE	H=.042
	296.0	GB231 079		3	XX0000000		UNPLATED HOLE	H=.042
	297.0	GB231 119		3	XX0000000		UNPLATED HOLE	H=.042
	298.0	GB226 039		3	XX0000000		UNPLATED HOLE	H=.042
	299.0	GB226 052		3	XX0000000		UNPLATED HOLE	H=.042
	300.0	GB226 079		3	XX0000000		UNPLATED HOLE	H=.042
	301.0	GB223 119		3	XX0000000		UNPLATED HOLE	H=.042
	302.0	HB003 007		3	XX0000000		UNPLATED HOLE	H=.042
	303.0	HB003 030		3	XX0000000		UNPLATED HOLE	H=.042
	304.0	HB003 050		3	XX0000000		UNPLATED HOLE	H=.042
	305.0	HB003 072		3	XX0000000		UNPLATED HOLE	H=.042
	306.0	HB003 115		3	XX0000000		UNPLATED HOLE	H=.042
	307.0	HB008 007		3	XX0000000		UNPLATED HOLE	H=.042
	308.0	HB008 030		3	XX0000000		UNPLATED HOLE	H=.042
	309.0	HB011 050		3	XX0000000		UNPLATED HOLE	H=.042
	310.0	HB008 072		3	XX0000000		UNPLATED HOLE	H=.042
	311.0	HB008 115		3	XX0000000		UNPLATED HOLE	H=.042
	312.0	HB231 010		3	XX0000000		UNPLATED HOLE	H=.042
	313.0	HB231 044		3	XX0000000		UNPLATED HOLE	H=.042
	314.0	HB231 072		3	XX0000000		UNPLATED HOLE	H=.042
	315.0	HB231 112		3	XX0000000		UNPLATED HOLE	H=.042
	316.0	HB226 010		3	XX0000000		UNPLATED HOLE	H=.042
	317.0	HB223 044		3	XX0000000		UNPLATED HOLE	H=.042
	318.0	HB226 072		3	XX0000000		UNPLATED HOLE	H=.042
	319.0	HB226 112		3	XX0000000		UNPLATED HOLE	H=.042

Courtesy The Old Calculator Museum
http://oldcalculatormuseum.com

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	320.0	GB023 011		3			1	FH0000000		FEED THROUGH HOLE	
	321.0	GB025 024		3			1	FH0000000		FEED THROUGH HOLE	
	322.0	AB117 008		3				VV0000000		MOUNTING HOLE	
	323.0	AB117 127		3				VV0000000		MOUNTING HOLE	
	324.0	BB117 008		3				VV0000000		MOUNTING HOLE	
	325.0	BB117 127		3				VV0000000		MOUNTING HOLE	
	326.0	CB117 008		3				VV0000000		MOUNTING HOLE	
	327.0	CB117 124		3				VV0000000		MOUNTING HOLE	
	328.0	DB117 008		3				VV0000000		MOUNTING HOLE	
	329.0	DB117 124		3				VV0000000		MOUNTING HOLE	
	330.0	EB117 006		3				VV0000000		MOUNTING HOLE	
	331.0	EB117 064		3				VV0000000		MOUNTING HOLE	
	332.0	EB117 127		3				VV0000000		MOUNTING HOLE	
	333.0	FB117 006		3				VV0000000		MOUNTING HOLE	
	334.0	FB117 064		3				VV0000000		MOUNTING HOLE	
	335.0	FB117 127		3				VV0000000		MOUNTING HOLE	
	336.0	GB127 008		3				VV0000000		MOUNTING HOLE	
	337.0	GB120 070		3				VV0000000		MOUNTING HOLE	
	338.0	GB117 127		3				VV0000000		MOUNTING HOLE	
	339.0	HB107 008		3				VV0000000		MOUNTING HOLE	
	340.0	HB114 070		3				VV0000000		MOUNTING HOLE	
	341.0	HB117 127		3				VV0000000		MOUNTING HOLE	

Courtesy The Old Calculator Museum
http://oldcalculatormuseum.com

REV LTR	REF-LINE INSERT	LOCATION	T	L O A P	PART NUMBER IN OUT	PART DESCRIPTION	REMARKS
AE	9001.342.0	RB005 005		3	VV 000000	MOUNTING HOLE	MOUNTING HOLE
	343.0	RB005 040		3	VV 000000	MOUNTING HOLE	MOUNTING HOLE
	344.0	RB073 005		3	VV 000000	MOUNTING HOLE	MOUNTING HOLE
	345.0	RB073 040		3	VV 000000	MOUNTING HOLE	MOUNTING HOLE

Courtesy The Old Calculator Museum
http://oldcalculatormuseum.com

SECTION IV - SCHEMATIC DIAGRAMS

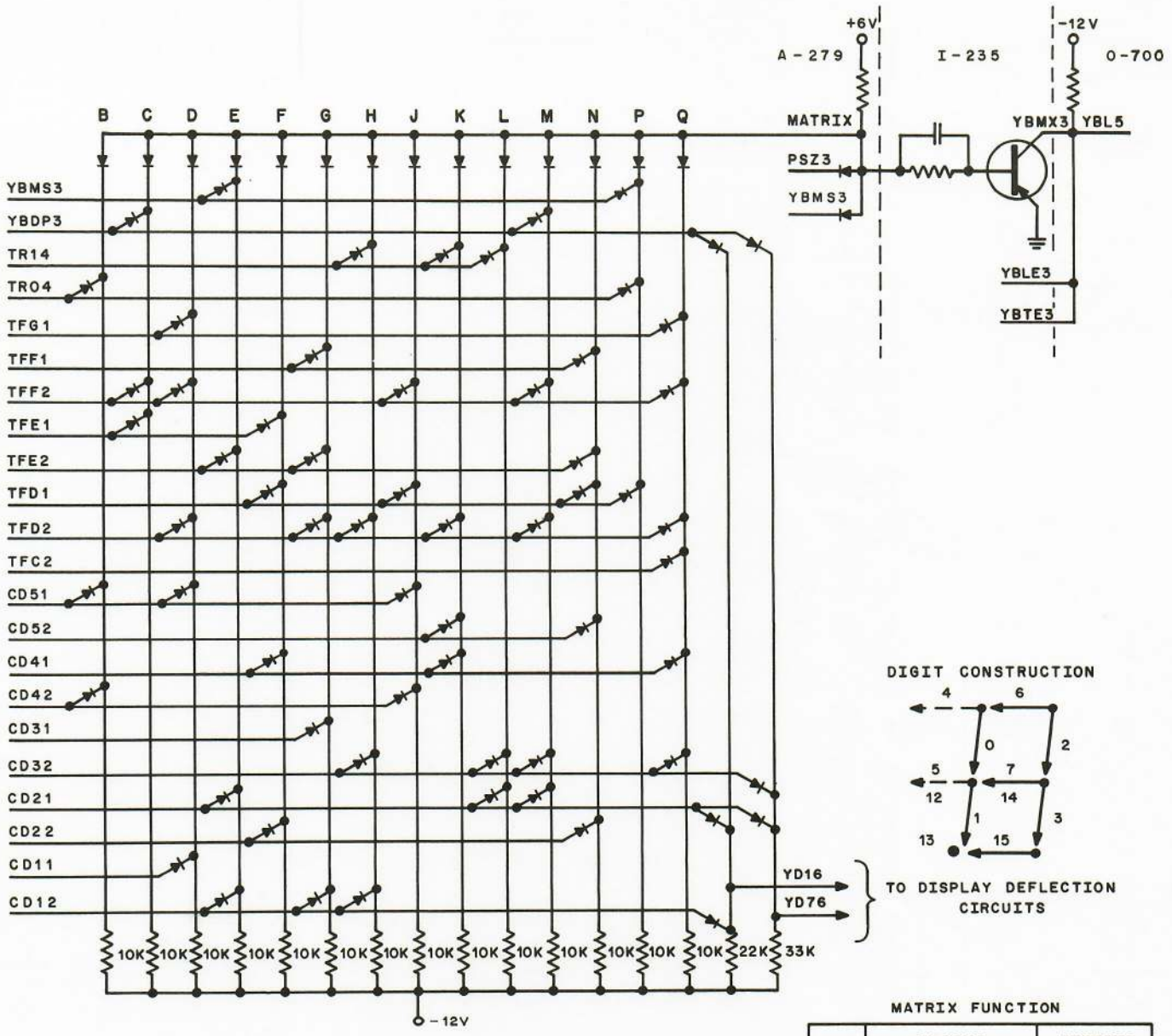
LIST OF SCHEMATICS

	NAME	*DRAWING NO.*
1.	*Matrix Schematic Diagram*	*D-132-5*
2.	*Display Circuits*	*D-132-6*
3.	*Keyboard Delay Circuit (KBD)*	*D-132-7*
4.	*Keyboard and Interface (JB) Card*	*D-132-8*
5.	*Master Oscillator Circuit*	*D-132-9*
6.	*Power Supply Circuits*	*D-132-10*
7.	*Read - Write Amplifiers*	*D-132-11*
8.	*Decimal Position Logic*	*D-132-70*
9.	*EC-132 Wiring Diagram (3 sheets)*	*D-132-72*
10.	*Decimal Point Counter*	*D-132-82*
11.	*Matrix Logic Diagram*	*D-132-96*

Also Included:

Wiring Color Code	*None*
Card Component Coordinates	*D-132-12 to D-132-19*

Courtesy The Old Calculator Museum
http://oldcalculatormuseum.com



DIGIT CONSTRUCTION

CHARACTER COUNTER TRUTH TABLE

	TIMING FF'S				
SEG	D	E	F	G	REG
0	0	0	0	0	R1
1	1	0	0	0	R1
2	0	1	0	0	R2
3	1	1	0	0	R2
4	0	0	1	0	R3
5	1	0	1	0	R3
6	0	1	1	0	R4
7	1	1	1	0	R4
12	0	0	1	1	RS
13	1	0	1	1	RS
14	0	1	1	1	RO
15	1	1	1	1	RO

D COUNTER TRUTH TABLE

NO.	D1	D2	D3	D4	D5
0	0	0	0	0	0
1	1	0	0	0	0
2	1	1	0	0	0
3	1	1	1	0	0
4	1	1	1	1	0
5	1	1	1	1	1
6	0	1	1	1	1
7	0	0	1	1	1
8	0	0	0	1	1
9	0	0	0	0	1

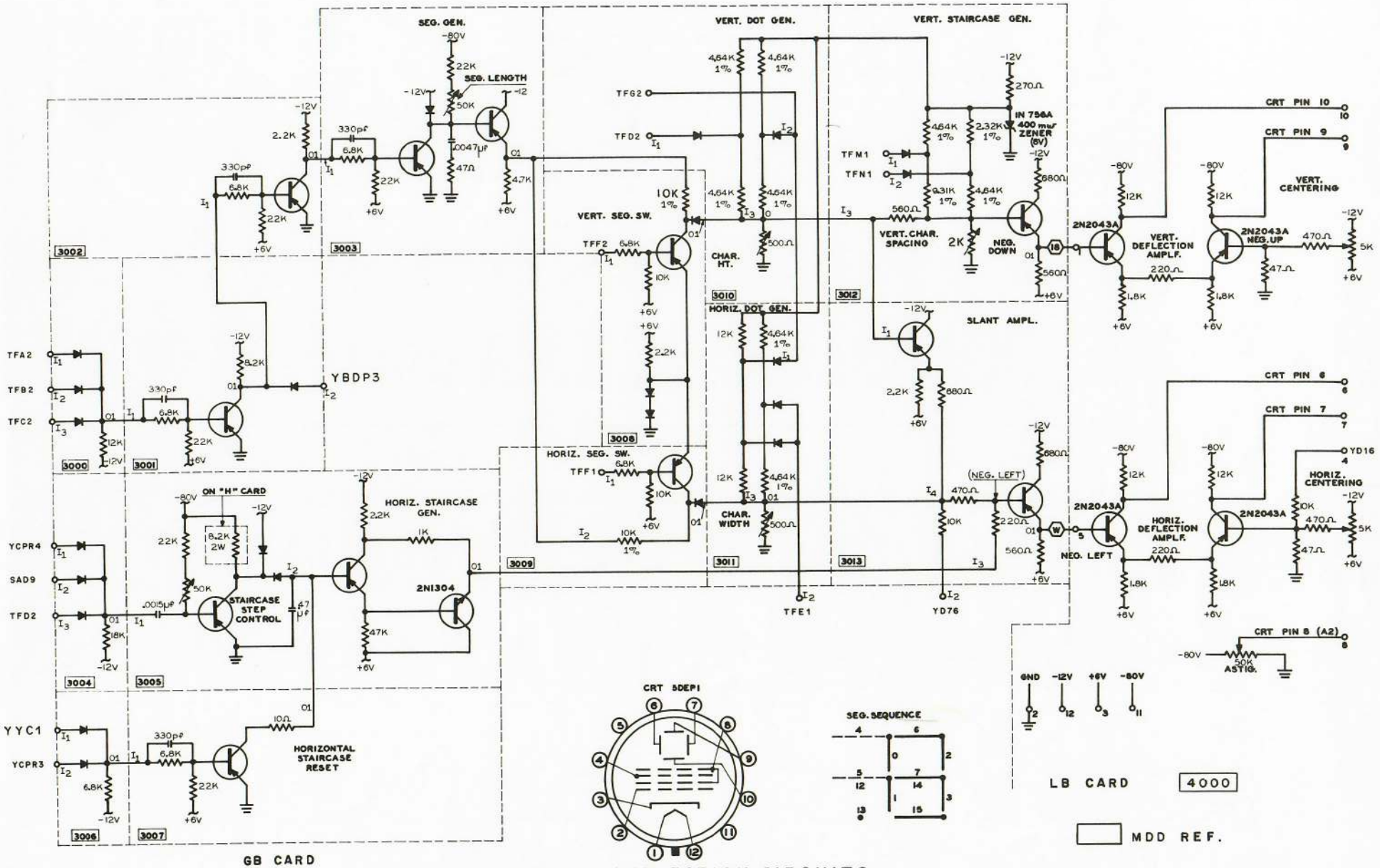
MATRIX FUNCTION

BUS	BLOCKS SEG	AFFECTS DIGIT
B	14, 15	4
C	4,5,12,13	D.P.
D	7	0
E	2,3,6,7,14,15	1
F	0	2,3
G	3	1, 2
H	1	9
J	6	4
K	1	9
L	0, 1	7
M	7, 15	7
N	2	5,6
P	14	-SIGN
Q	7	MOD. 3

MATRIX SCHEMATIC DIAGRAM

D-132-5

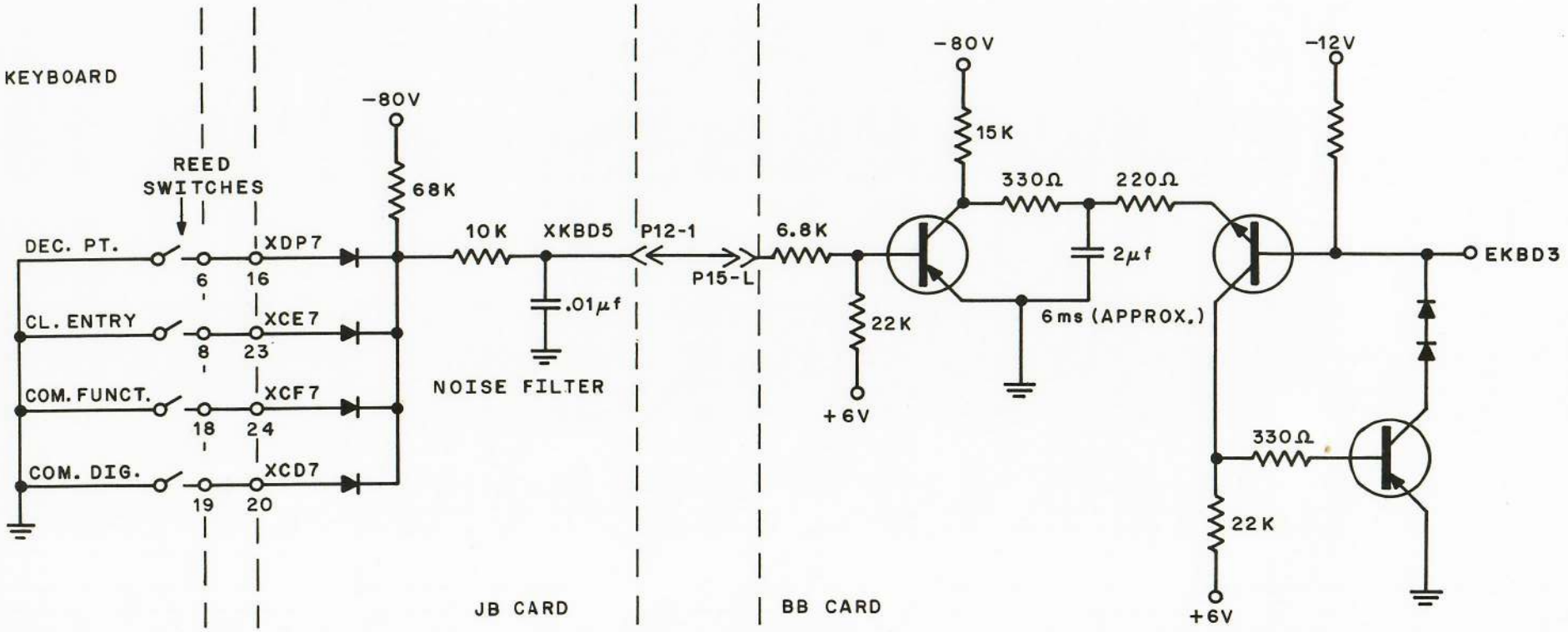
Courtesy The Old Calculator Museum
http://oldcalculatormuseum.com



DISPLAY DEFLECTION CIRCUITS

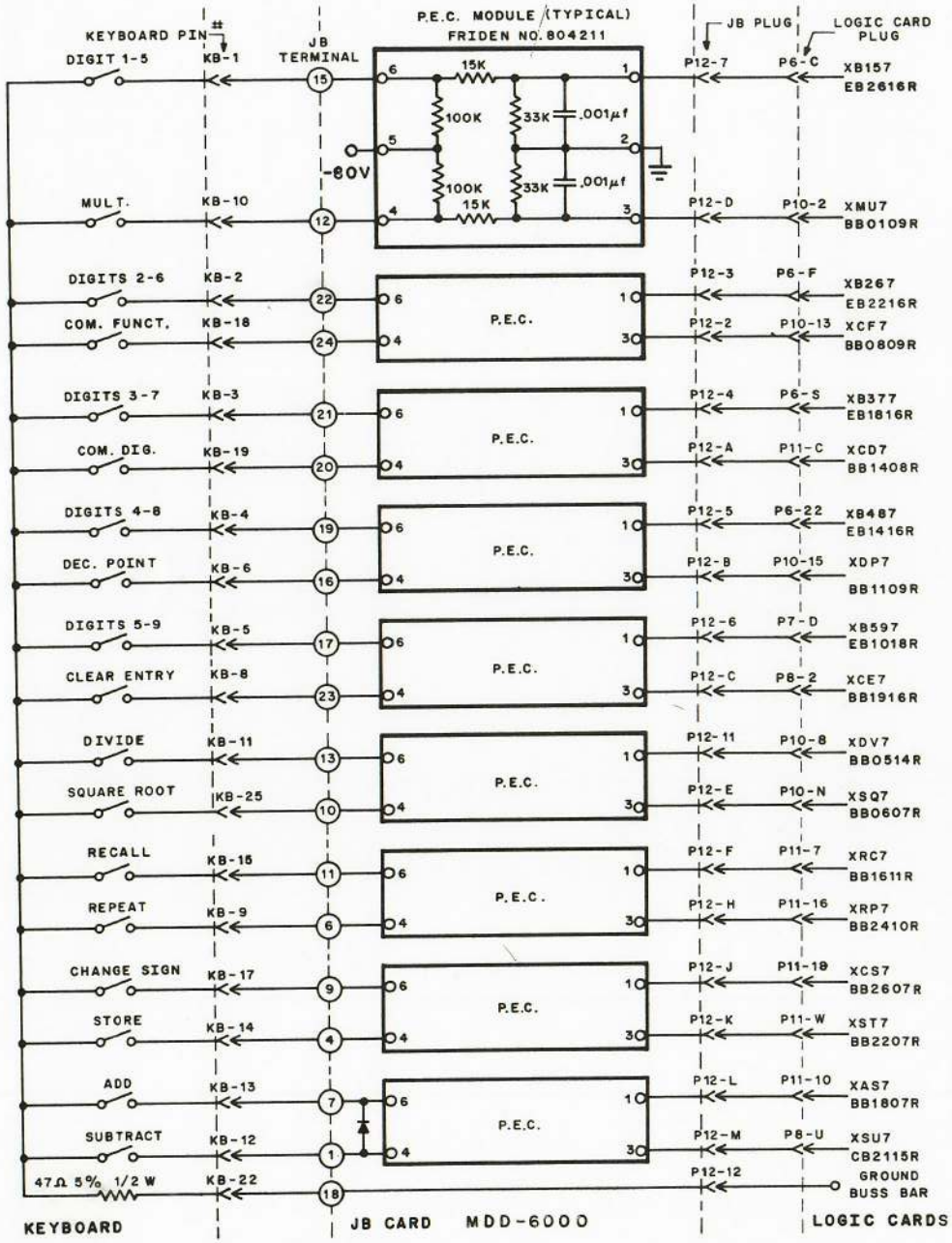
D-132-6

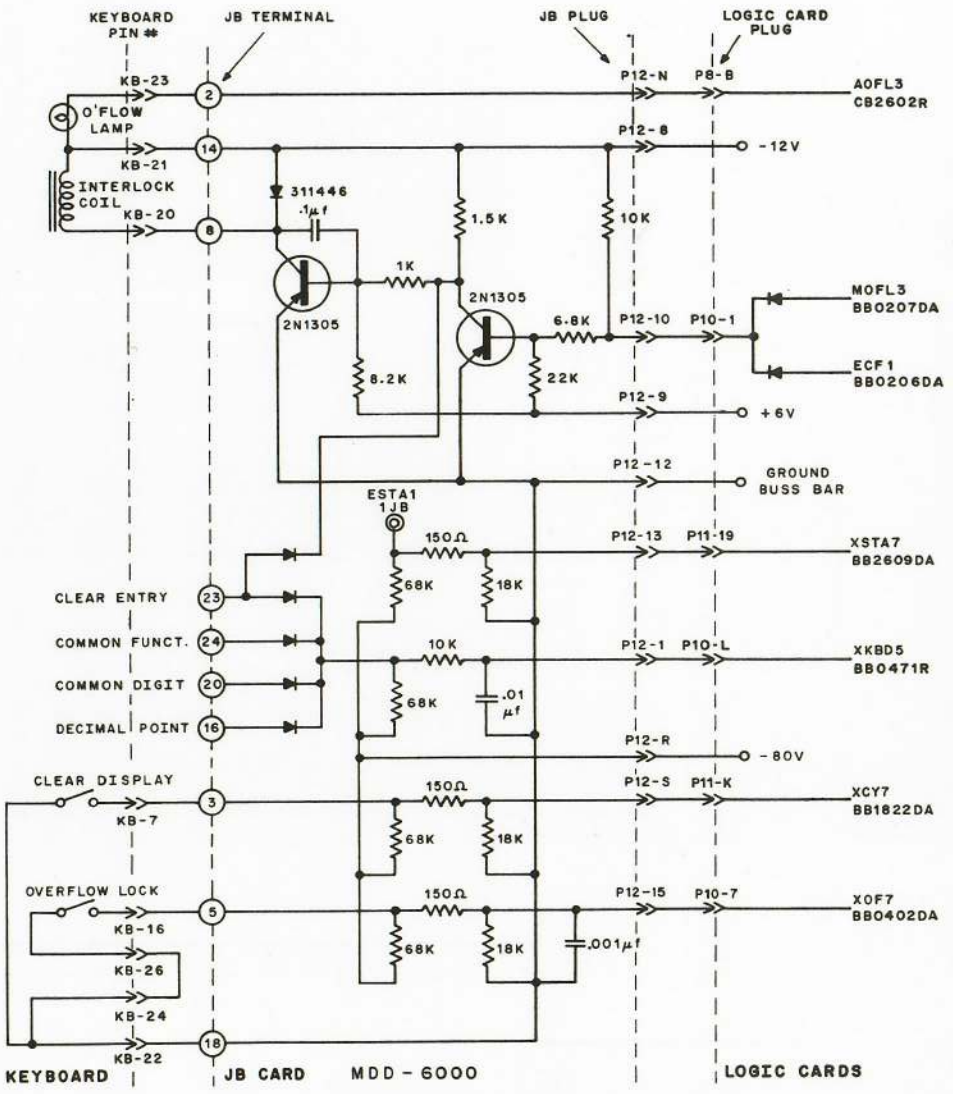
Courtesy The Old Calculator Museum
http://oldcalculatormuseum.com



KEYBOARD DELAY CIRCUIT
D-132-7

Courtesy The Old Calculator Museum
http://oldcalculatormuseum.com

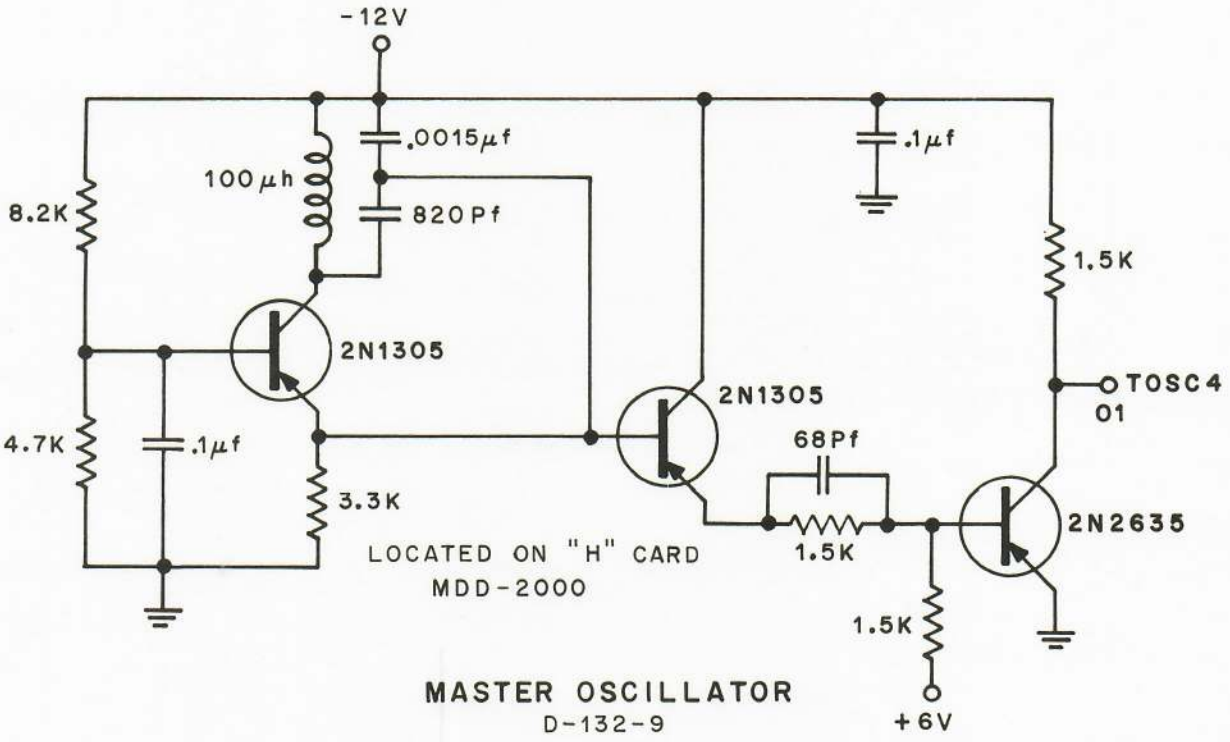




NOTE:
1) DIODES ARE 1N662 (223292) UNLESS OTHERWISE NOTED

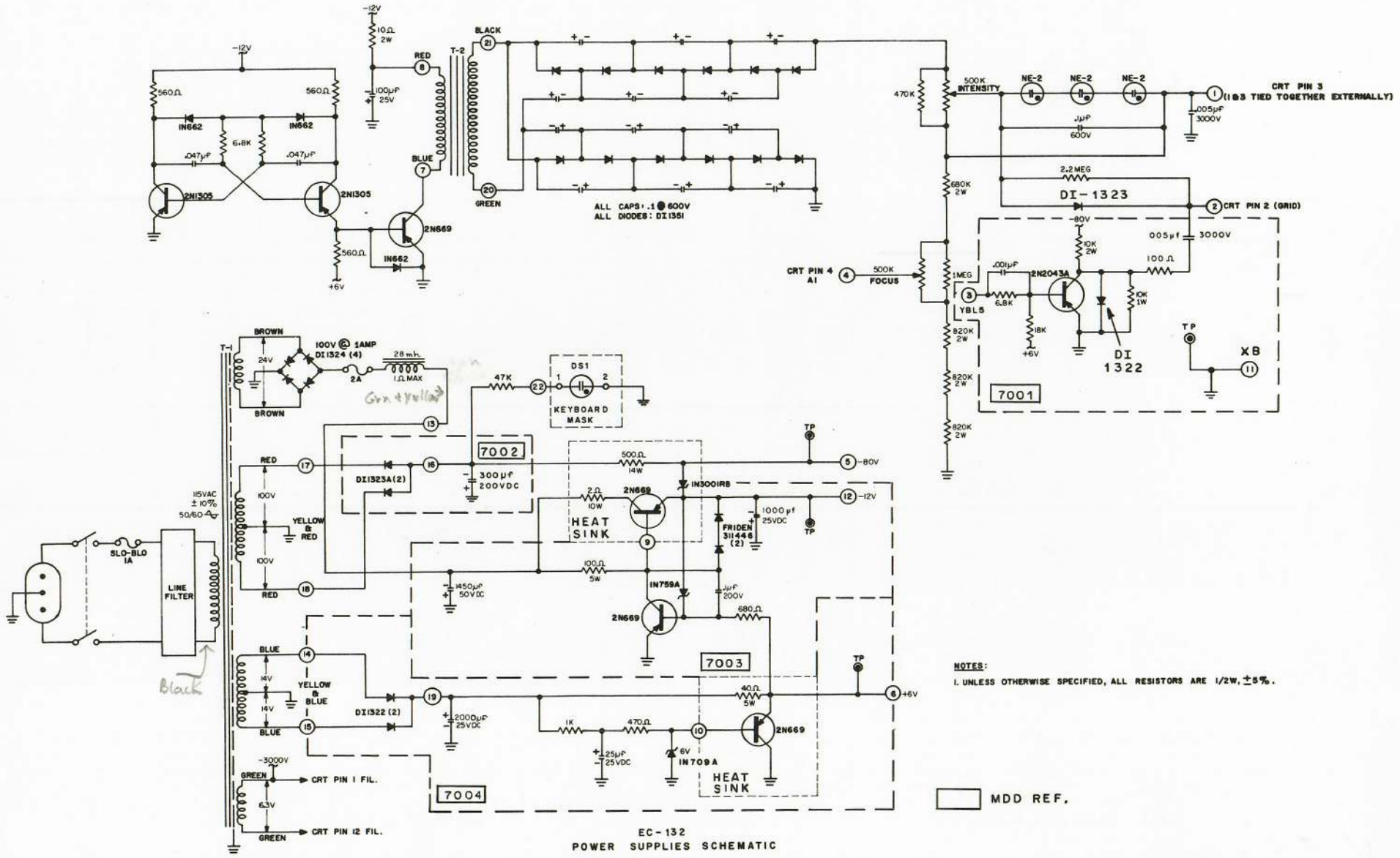
KEYBOARD AND INTERFACE
D-132-8

Courtesy The Old Calculator Museum
http://oldcalculatormuseum.com



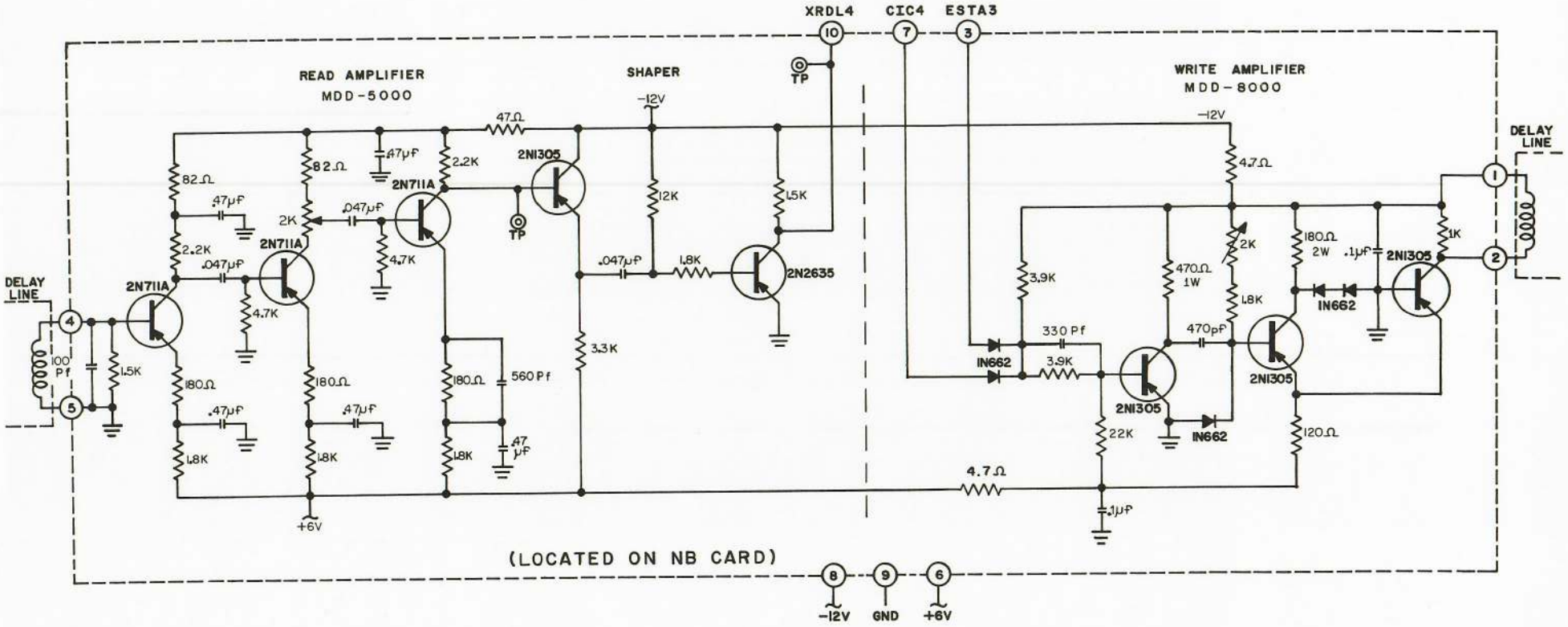
MASTER OSCILLATOR
D-132-9

Courtesy The Old Calculator Museum
http://oldcalculatormuseum.com



EC-132
POWER SUPPLIES SCHEMATIC
D-132-10

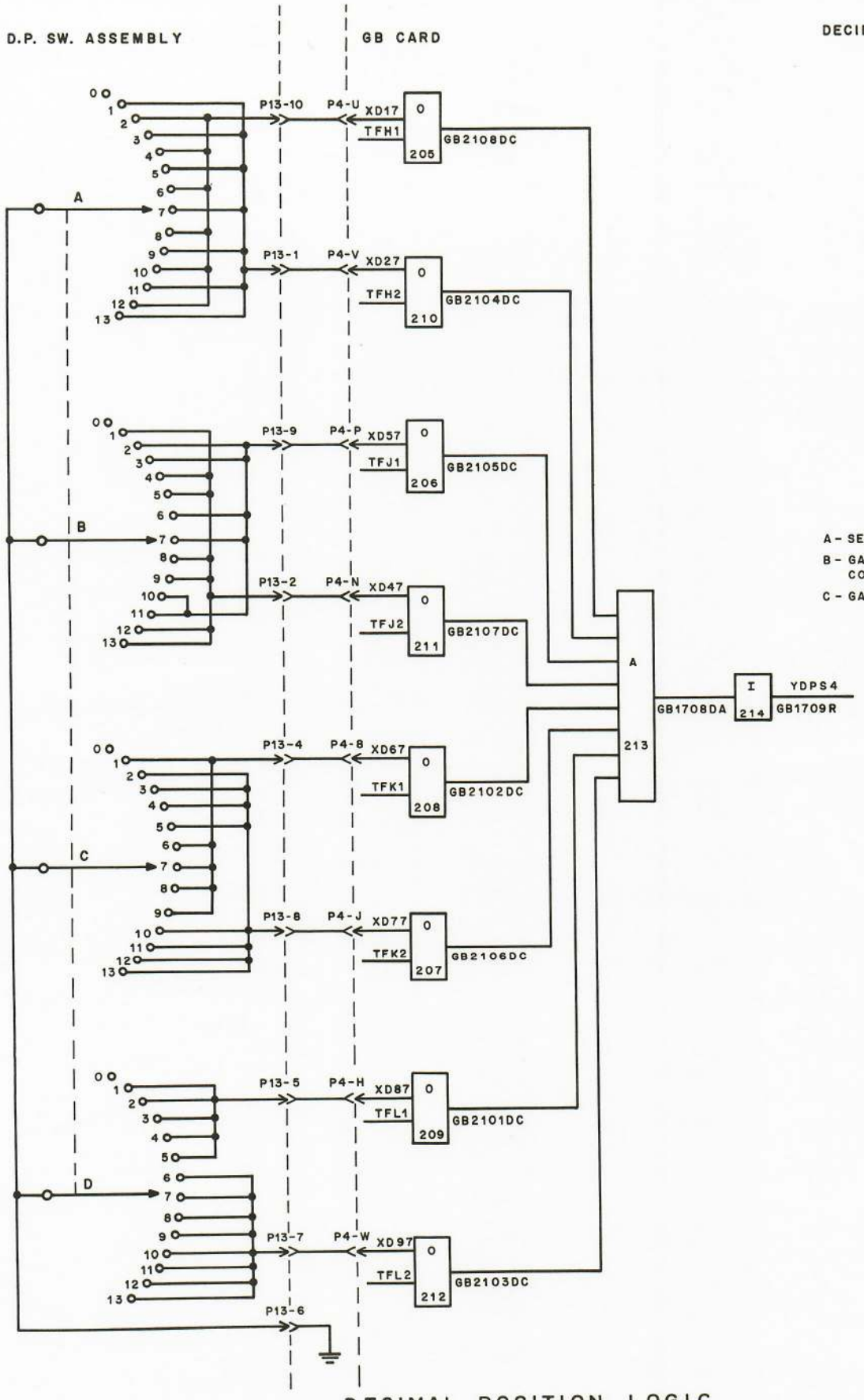
Courtesy The Old Calculator Museum
http://oldcalculatormuseum.com



READ AMPLIFIER-WRITE AMPLIFIER CIRCUITS

D-132-11

Courtesy The Old Calculator Museum
http://oldcalculatormuseum.com



DECIMAL POSITION COUNTER

TRUTH TABLE

DPS POS.	H	J	K	L	
	0	0	0	0	C0
	1	0	0	0	C1
0	0	1	0	0	C2
1	1	1	0	0	C3
2	0	0	1	0	C4
3	1	0	1	0	C5
4	0	1	1	0	C6
5	1	1	1	0	C7
6	0	0	0	1	C8
7	1	0	0	1	C9
8	0	1	0	1	C10
9	1	1	0	1	C11
10	0	0	1	1	C12
11	1	0	1	1	C13
12	0	1	1	1	C14
13	1	1	1	1	C15

A - SELECTED DECIMAL POSITION

B - GATES TRUE BY SWITCH CONTACTS

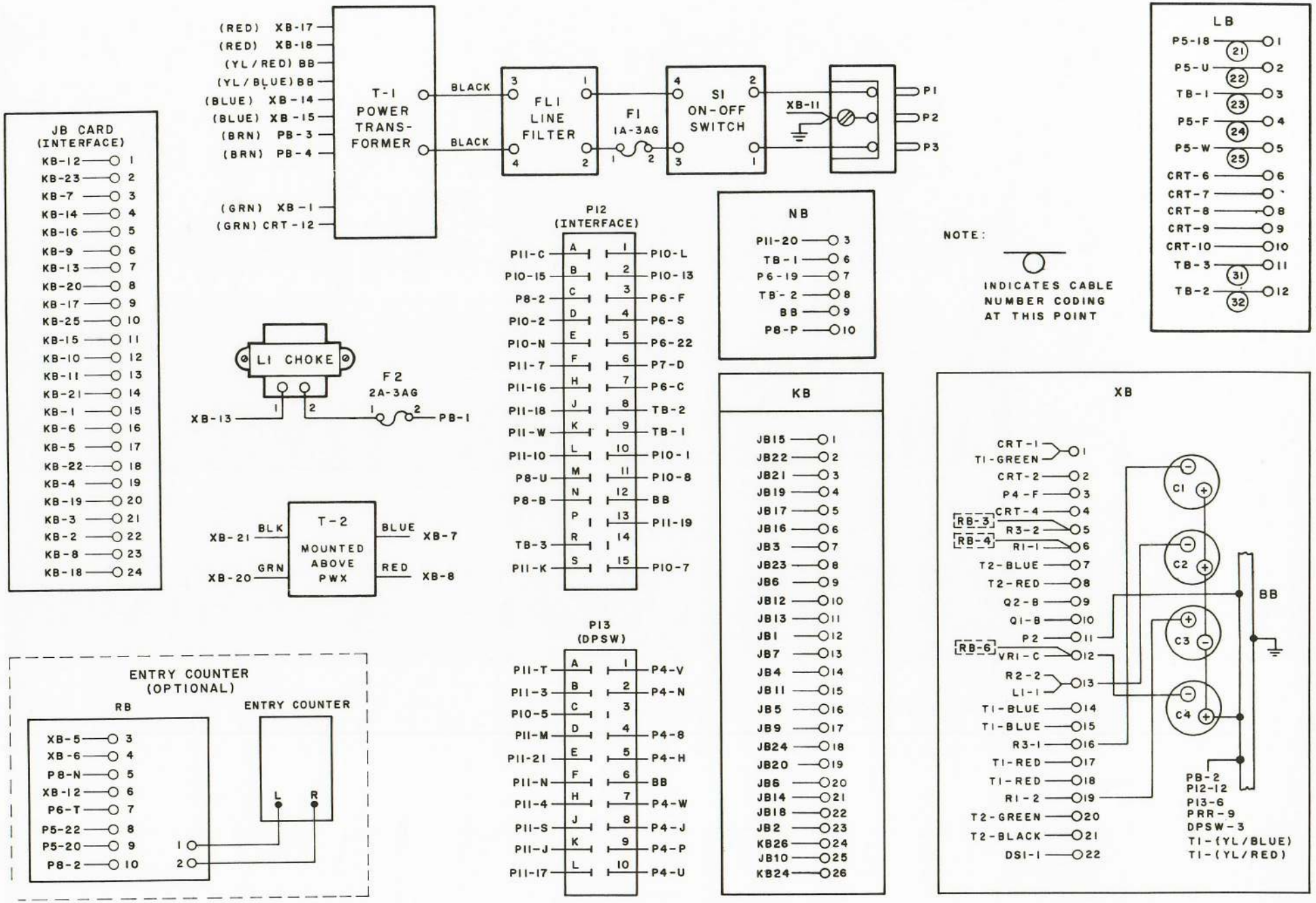
C - GATES TRUE BY TIMING SIGNALS

A	B	C	A	B	C
1	210 211 208 209	205 206 207 212	8	205 211 208 212	210 206 207 209
2	205 206 207 209	210 211 208 212	9	210 211 208 212	205 206 207 209
3	210 206 207 209	205 211 208 212	10	205 206 207 212	210 211 208 209
4	205 211 207 209	210 206 208 212	11	210 206 207 212	205 211 208 209
5	210 211 207 209	205 206 208 212	12	205 211 207 212	210 206 208 209
6	205 206 208 212	210 211 207 209	13	210 211 207 212	205 206 208 209
7	210 206 208 212	205 211 207 209			

DECIMAL POSITION LOGIC

D-132-70

Courtesy The Old Calculator Museum
http://oldcalculatormuseum.com



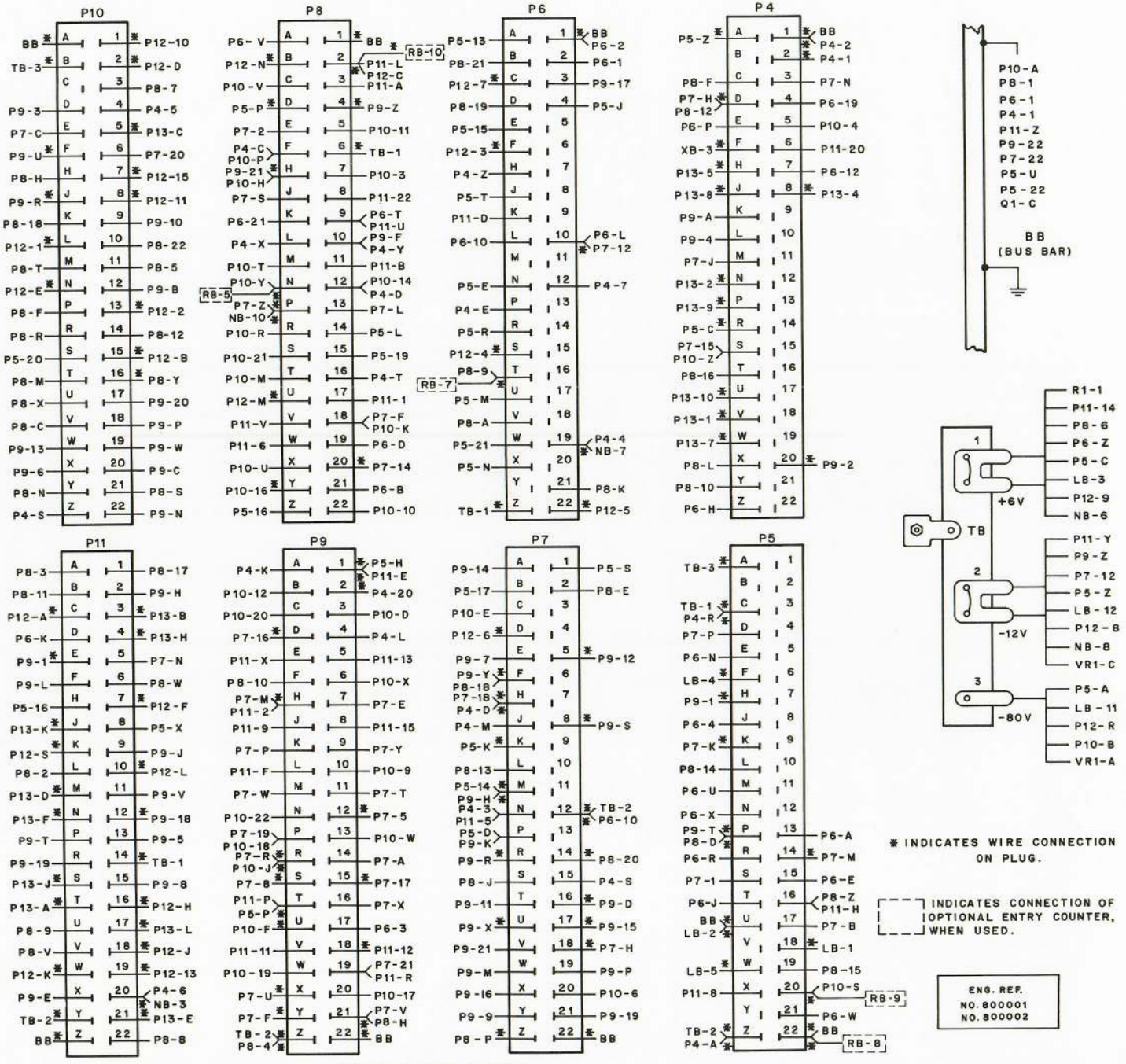
EC-132 WIRING DIAGRAM

SHEET 1 OF 3

D-132-72W

Courtesy The Old Calculator Museum
http://oldcalculatormuseum.com

M BOARD



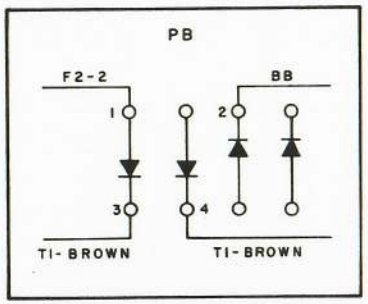
* INDICATES WIRE CONNECTION ON PLUG.

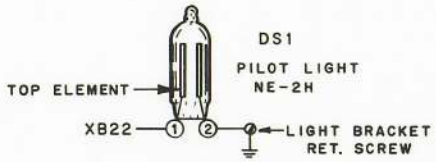
[ ] INDICATES CONNECTION OF OPTIONAL ENTRY COUNTER, WHEN USED.

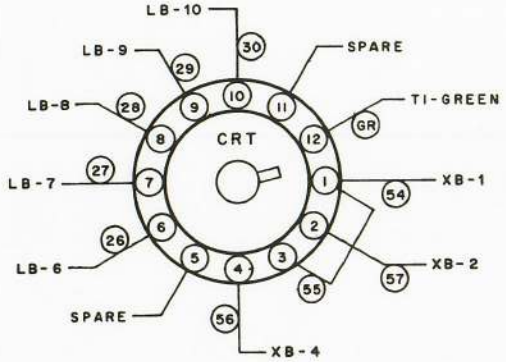
ENG. REF.
NO. 800001
NO. 800002

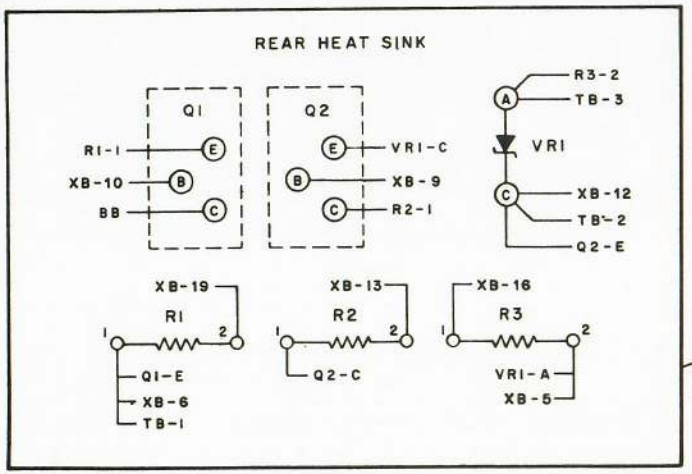
EC-132 WIRING DIAGRAM
SHEET 2 OF 3
D-132-72W

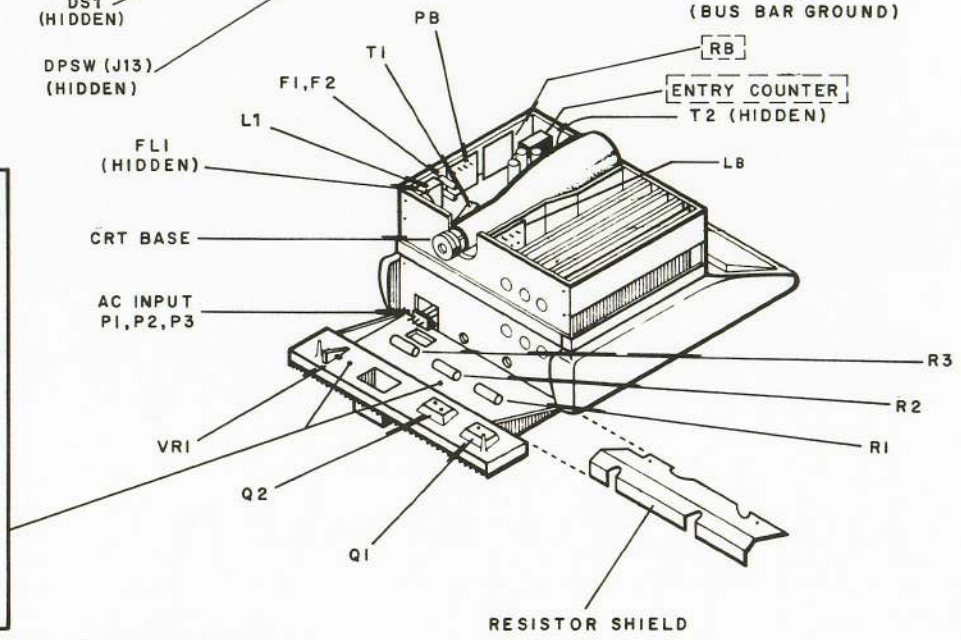
Courtesy The Old Calculator Museum
http://oldcalculatormuseum.com





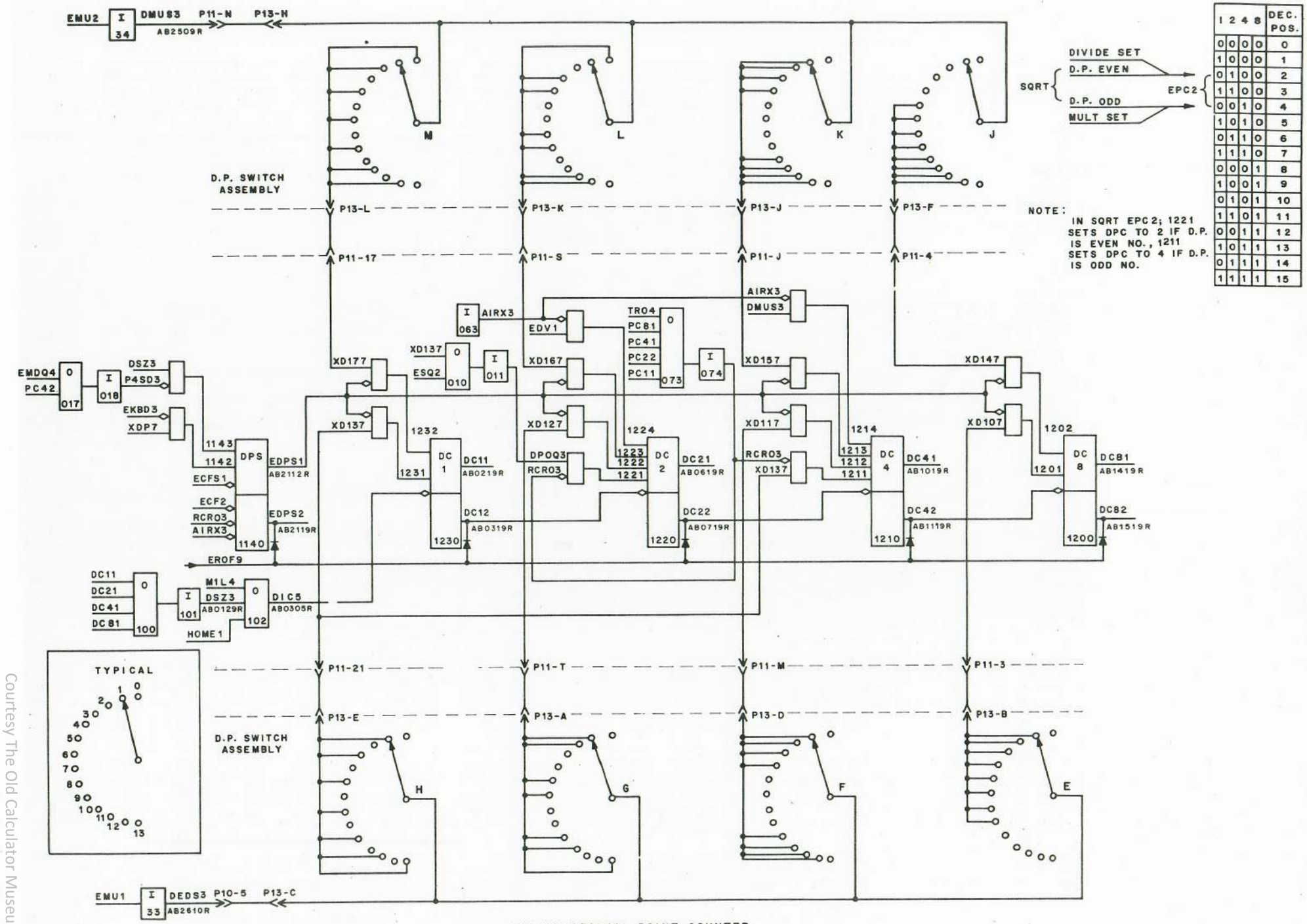






EC-132 WIRING DIAGRAM
SHEET 3 OF 3
D-132-72W

Courtesy The Old Calculator Museum
http://oldcalculatormuseum.com

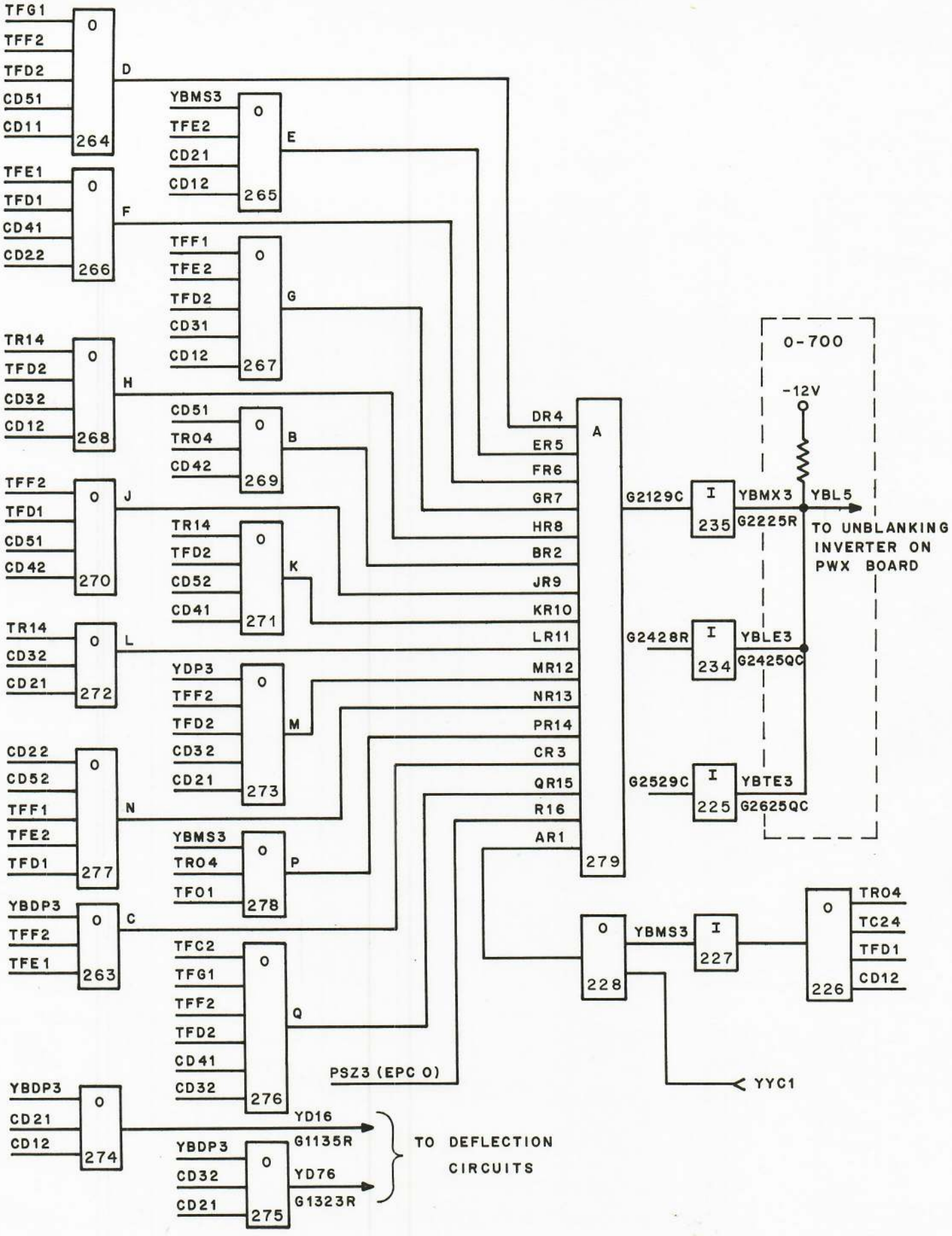


1 2 4 8	DEC. POS.
0 0 0 0	0
1 0 0 0	1
0 1 0 0	2
1 1 0 0	3
0 0 1 0	4
1 0 1 0	5
0 1 1 0	6
1 1 1 0	7
0 0 0 1	8
1 0 0 1	9
0 1 0 1	10
1 1 0 1	11
0 0 1 1	12
1 0 1 1	13
0 1 1 1	14
1 1 1 1	15

EC-132 DECIMAL POINT COUNTER

D-132-82-1

Courtesy The Old Calculator Museum
http://oldcalculatormuseum.com



MATRIX LOGIC DIAGRAM

D - 132 - 96

Courtesy The Old Calculator Museum
http://oldcalculatormuseum.com

CARD MAP LEGEND

New

RESISTORS

#	Ident.	Part No.
1	22 ohm	223204
2	1K ohm	223228
3	2.2K ohm	223253
4	3.9K ohm	223756
5	10K ohm	223257
6	18K ohm	223258
7	680 ohm	223259
8	100 ohm	223277
9	2.7K ohm	223323
10	15K ohm	223326
11	33K ohm	223328
12	47K ohm	223331
13	47 ohm	223351
14	8.2K ohm	223353
15	27K ohm	223358
16	3.3K ohm	223388
17	12K ohm	223393
18	4.7K ohm	223401
19	6.8K ohm	223403
20	820 ohm	223408
21	2.32K ohm	804024
22	4.64K ohm	804026
23	9.09K ohm	804027
24	9.31K ohm	804028
25	10K ohm	804029
26	10 ohm	804031
27	82 ohm	804032
28	180 ohm	804033
29	220 ohm	804034
30	270 ohm	804036
31	330 ohm	804037
32	470 ohm	804038
33	560 ohm	804039
34	1.5K ohm	804041
35	1.8K ohm	804042
36	5.6K ohm	804043
37	22K ohm	804044
38	68K ohm	804048
39	470K ohm	804052
40	1M ohm	804053
41	2.2M ohm	804054
42	2.7 ohm	804056
43	4.7 ohm	804057
44	120 ohm	804058
45	10K ohm	804059
46	180 ohm	804061
47	8.2K ohm	804062
48	820K ohm	804063
49	10 ohm	804108
50	680K ohm	804109
51	470 ohm	804117
52	10K ohm	804118
53	100 ohm	804128

CAPACITORS

#	Ident.	Part No.
1	.001 µf	804087
2	.0015 µf	804088
3	.0022 µf	804089
4	.0047 µf	804091
5	.01 µf	804092
6	.047 µf	804094
7	.1 µf	804096
8	.47 µf	804097
9	.005 µf	804098
10	2 µf	804099
11	100 µf	804101
12	25 µf	804102
13	1450 µf	804103
14	300 µf	804104
15	1000 µf	804106
16	2000 µf	804107
17	.1 µf	804136
18	68 pf	804154
19	100 pf	804156
20	150 pf	804157
21	220 pf	804158
22	330 pf	804159
23	470 pf	804161
24	560 pf	804162
25	820 pf	804163
26	.0056 µf	810023 810021
27	.0033 µf	810024 810022

DIODES

1	1N662	810053(223292)
2	1N709A (6V)	223294
3	FRIDEN	311446
4	1N756A (8.2V)	804011
5	1N754A (12V)	804012
6	1N757A (9.1V)	804129

TRANSISTORS

1	2N1305	223297
2	2N669	798006(804006)
3	2N711A	804007
4	2N1304	804008
5	2N2043A	804009
6	2N2635	804111

POTENTIOMETERS

1	500 ohm	810003
2	2K ohm	810003
3	50K ohm	810003
4	500K ohm	810004
5	50K ohm	810005

Courtesy The Old Calculator Museum
http://oldcalculatormuseum.com

FRIDEN ELECTRONIC CALCULATORS

EC-132 Computer Printout (MDD)

WIRING COLOR CODE

JB CARD

PIN NO.	COLOR	PIN NO.	COLOR
1	White - Brown	13	White - Blue
2	White	14	Green
3	White - Black - Red	15	White
4	White - Gray	16	White - Black - Violet
5	White - Black - Green	17	White - Black - Brown
6	White - Black - Orange	18	Green
7	White - Green	19	White - Violet
8	White - Black - Blue	20	White - Red - Brown
9	White - Red	21	White - Yellow
10	Violet	22	White - Black
11	White - Black - Black	23	White - Red - Orange
12	White - Orange	24	White - Red - Red

KB CARD

1	White	14	White - Gray
2	White - Black	15	White - Black - Black
3	White - Yellow	16	White - Black - Green
4	White - Violet	17	White - Red
5	White - Black - Brown	18	White - Red - Red
6	White - Black - Violet	19	White - Red - Brown
7	White - Black - Red	20	White - Black - Blue
8	White - Red - Orange	21	Green
9	White - Black - Orange	22	Green
10	White - Orange	23	White
11	White - Blue	24	Red
12	White - Brown	25	Violet
13	White - Green	26	Red

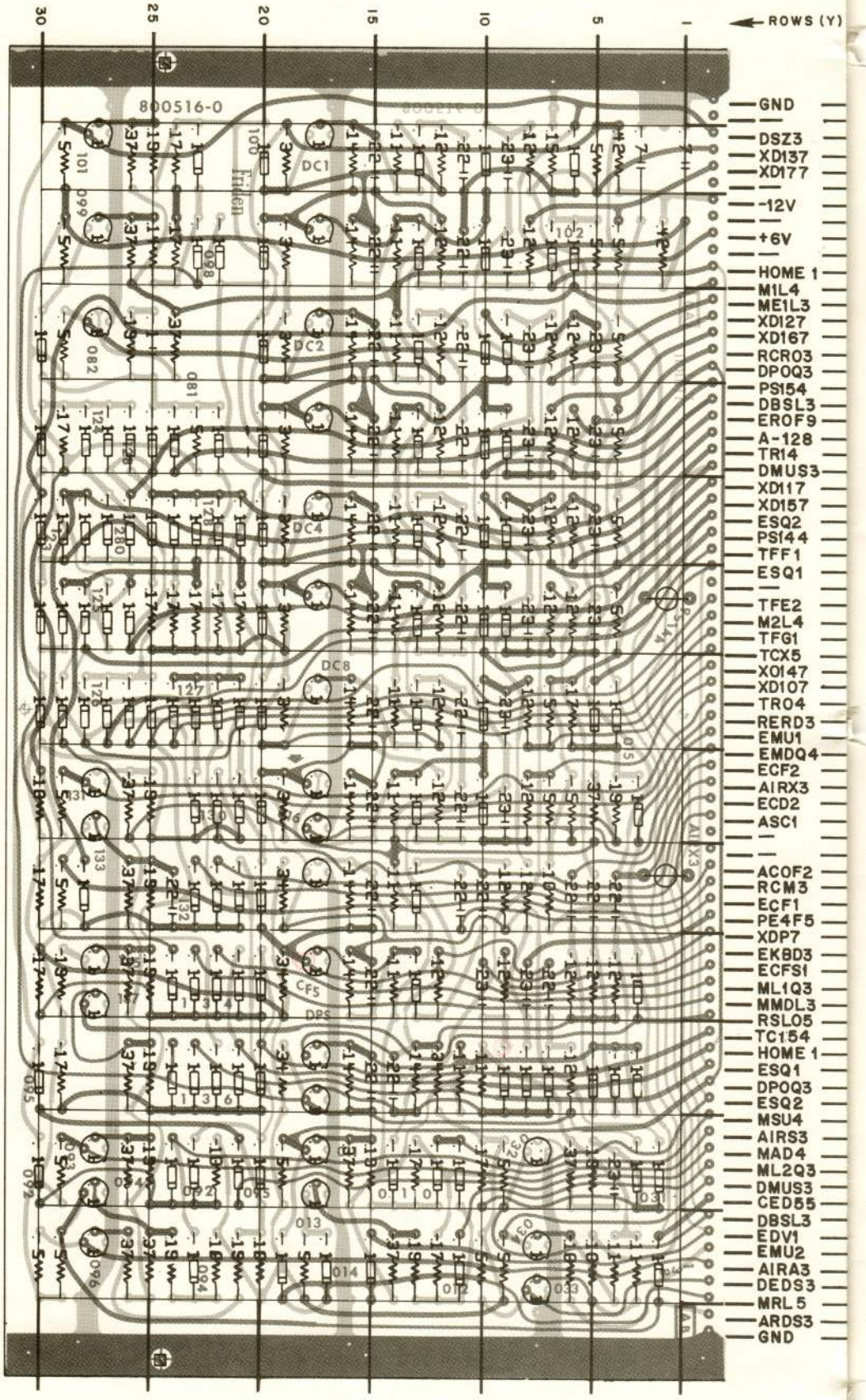
DECIMAL POINT SWITCH PLUG

1	White	11	White - Gray
2	White - Black	12	White - Black - Black
3	Red	13	White - Black - Brown
4	White - Brown	14	White - Black - Red
5	White - Red	15	White - Black - Orange
6	White - Orange	16	White - Black - Green
7	White - Yellow	17	White - Black - Blue
8	White - Green	18	White - Black - Violet
9	White - Blue	19	White - Red - Brown
10	White - Violet		

LB CARD

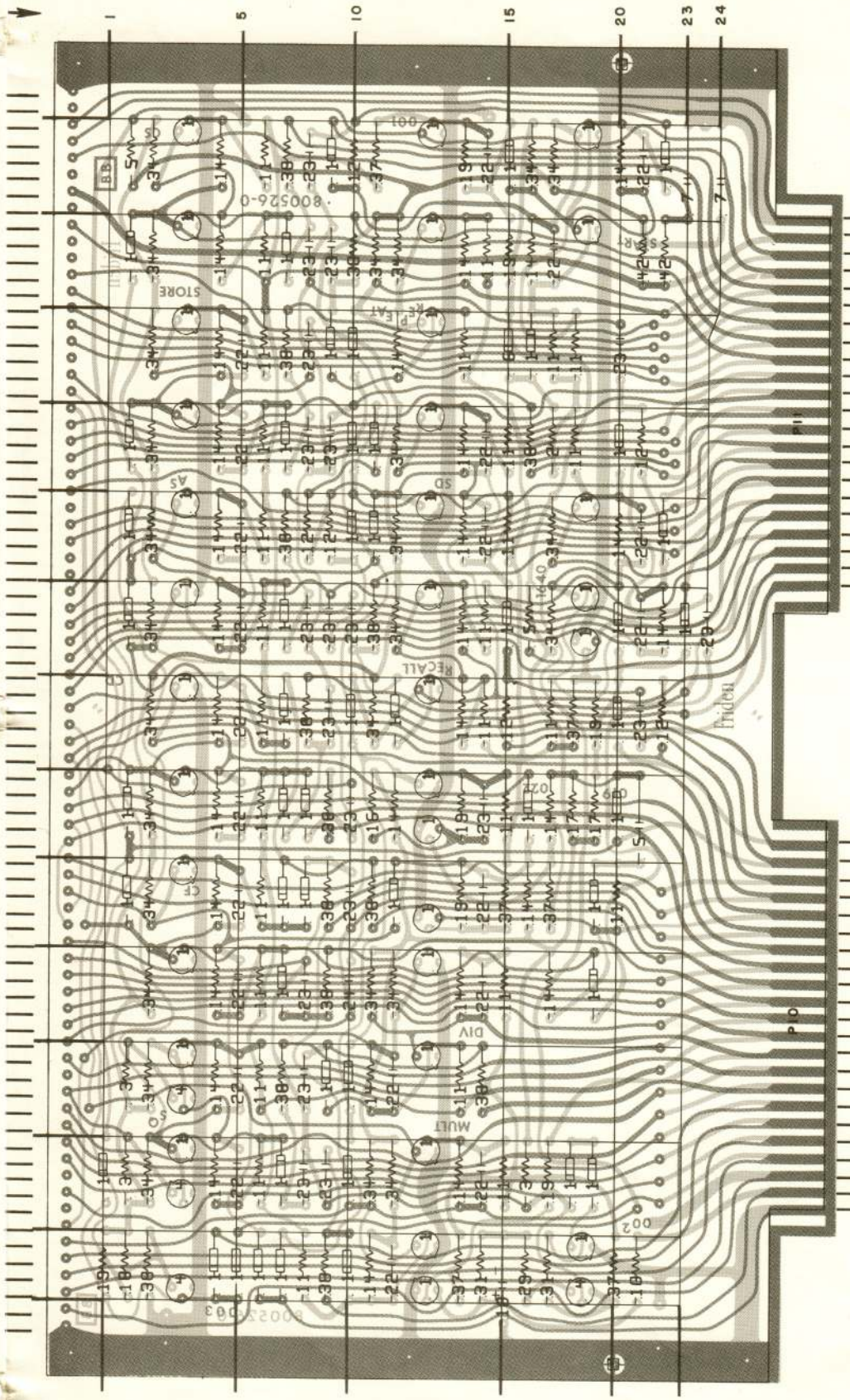
1	White	7	Green (Numbered)
2	Black	8	Green (Numbered)
3	White (18 gauge)	9	Green (Numbered)
4	White - Black	10	Green (Numbered)
5	White - Brown	11	Yellow
6	Green (Numbered)	12	Green

Courtesy The Old Calculator Museum
http://oldcalculatormuseum.com



CARD-AB

Courtesy The Old Calculator Museum
http://oldcalculatormuseum.com



1 TO 22
COMPONENT SIDE

P-11

22	DSZ3	Z	GND
21	XD137	Y	-12V
20	ESTA3	X	ERP2
19	XCA7	W	XST07
18	XCS7	V	M1L4
17	XD177	U	ME1L3
16	XRP7	T	XD127
15	ECS2	S	XD167
14	+6V	R	RCR03
13	EST02	P	TR14
12	PS154	N	DMU33
11	(FROM A-128)	M	XD117
10	XAS7	L	XCE7
9	PS144	K	XCY7
8	TFE2	J	XD157
7	XRC7	H	TFF1
6	EAS1	F	M2L4
5	TCX5	E	TFG1
4	XD147	D	RCY3
3	XD107	C	XCD7
2	TR04	B	EAS2
1	ERC2	A	AOFL2

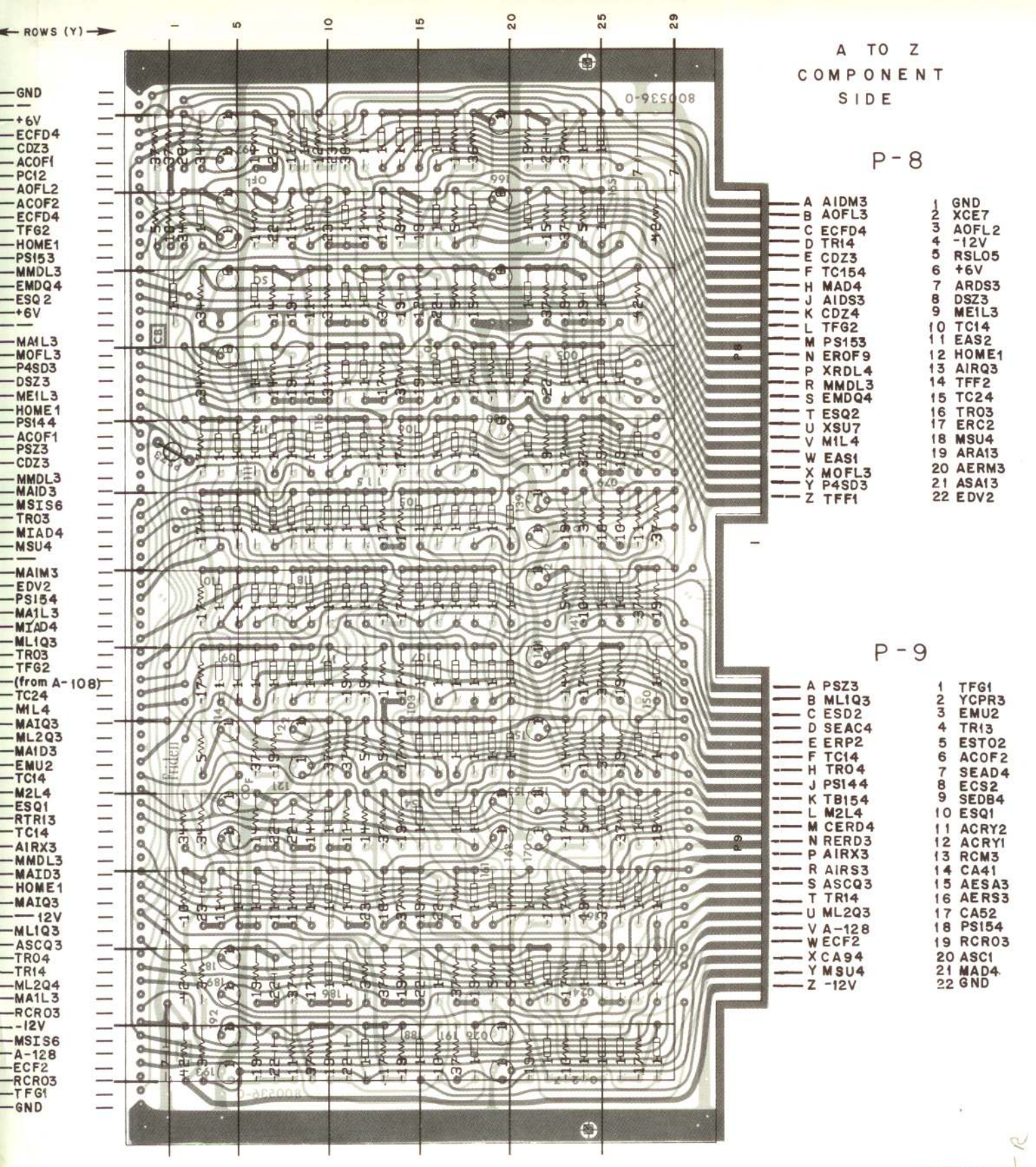
P-10

22	RERD3	Z	TC03
21	EMDQ4	Y	EROF9
20	ESD2	X	ACOF2
19	ECF2	W	RCM3
18	AIRX3	V	ECFD4
17	ASC1	U	MOFL3
16	P4SD3	T	PS153
15	XDP7	S	ECFS1
14	HOME1	R	MMDL3
13	XCF7	P	TC154
12	ML1Q3	N	XSQ7
11	RSL03	M	ESQ2
10	EDV2	L	(TO) EKBD3
9	ESQ1	K	MSU4
8	XDV7	J	AIRS3
7	XOF7	H	MAD4
6	AIRA3	F	ML2Q3
5	DEDS3	E	CED55
4	MRL5	D	EMU2
3	ARDS3	C	—
2	XMU7	B	-8OV
1	MOFL3 + ECF1	A	GND

D132-21

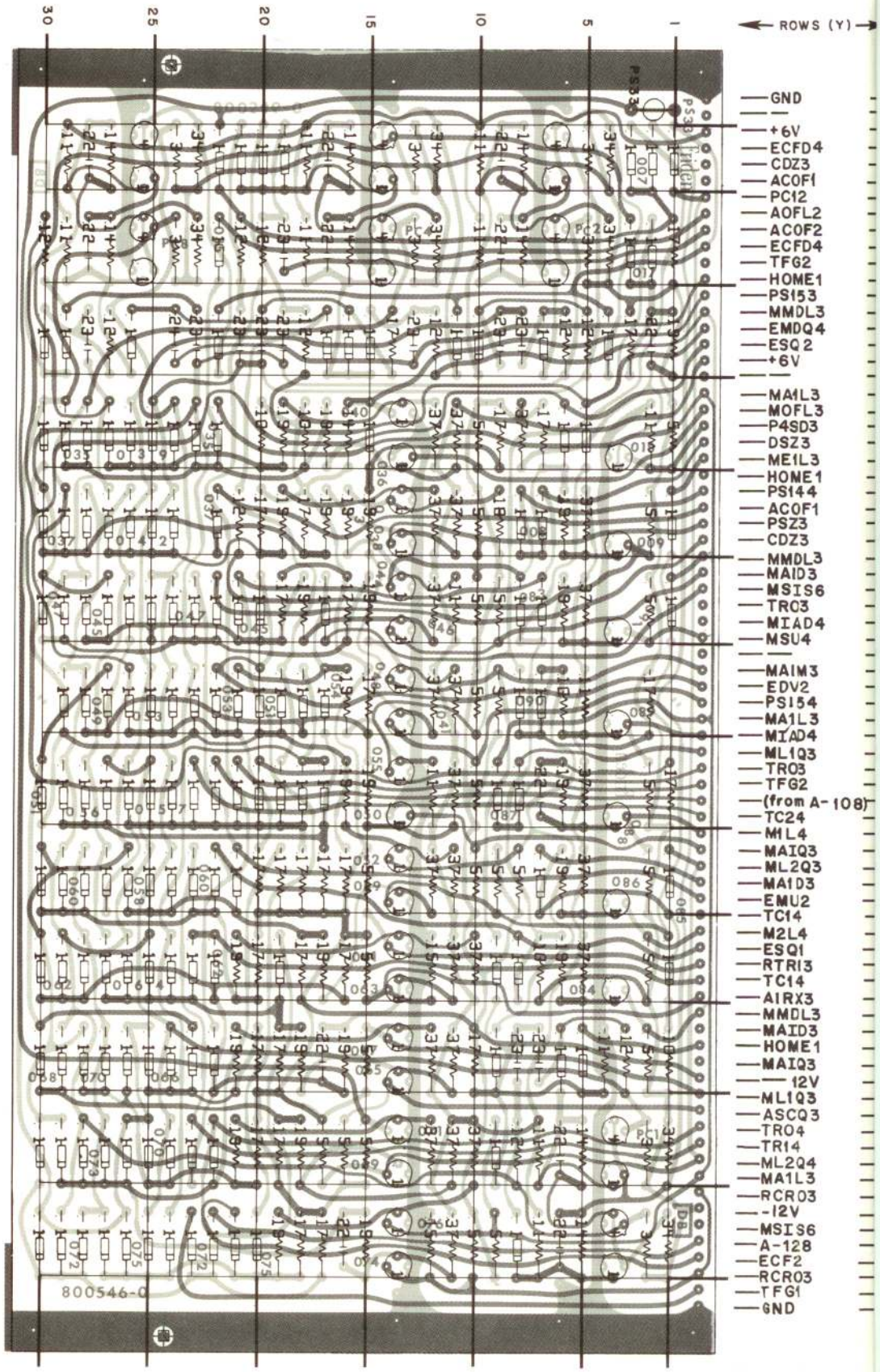
CARD-BB

Courtesy The Old Calculator Museum
http://oldcalculatormuseum.com



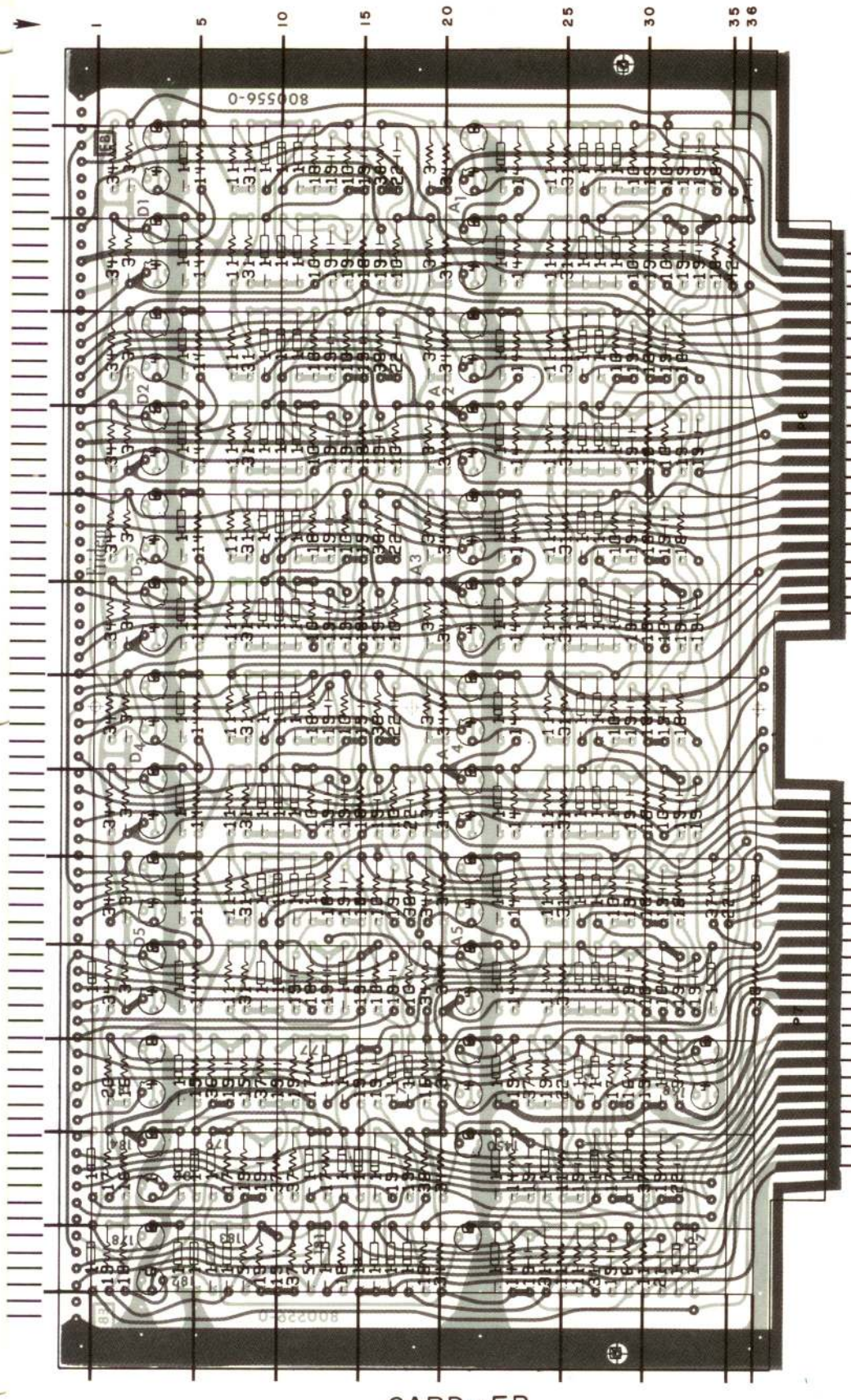
CARD – CB

Courtesy The Old Calculator Museum
http://oldcalculatormuseum.com



CARD-DB

Courtesy The Old Calculator Museum
http://oldcalculatormuseum.com



A TO Z
COMPONENT
SIDE

P - 6

A	CD12	1	GND
B	ASA13	2	GND
C	XB157	3	CA52
D	ARA13	4	CD11
E	CD22	5	—
F	XB267	6	—
H	TC13	7	—
J	TFD1	8	—
K	ECY1	9	—
L	-12V	10	-12V
M	—	11	
N	CD21	12	CCZ3
P	CIA9	13	—
R	CD32	14	—
S	XB377	15	—
T	ME1L3	16	—
U	SAD9	17	—
V	AIDM3	18	—
W	CD31	19	CIC4
X	CD42	20	—
Y	—	21	CDZ4
Z	+6V	22	XB487

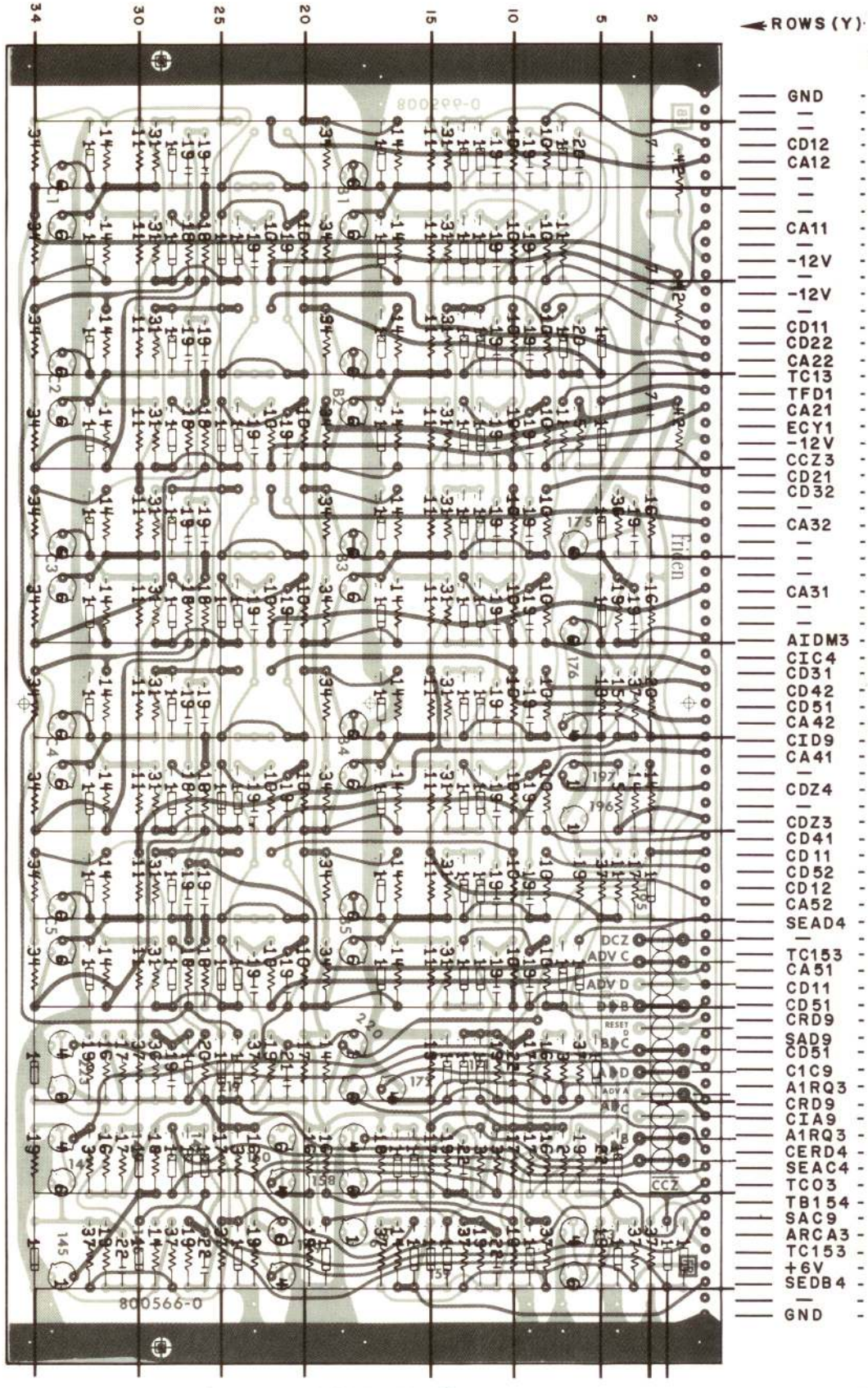
P - 7

A	CA41	1	CD41
B	CD52	2	CDZ3
C	CED55	3	—
D	XB597	4	—
E	SEAD4	5	ACRY1
F	MSU4	6	—
H	HOME 1	7	—
J	TCI53	8	ASCQ3
K	CD51	9	—
L	AIRQ3	10	—
M	TRO4	11	—
N	TCX5	12	-12V
P	TB154	13	—
R	AIRS3	14	AERM3
S	AIDS3	15	TCO3
T	ACRY2	16	SEAC4
U	CA94	17	AESA3
V	MAD4	18	HOME1
W	CERD4	19	AIRX3
X	AERS3	20	AIRA3
Y	SEDB4	21	RCRO3
Z	XRDL4	22	GND

D132-23

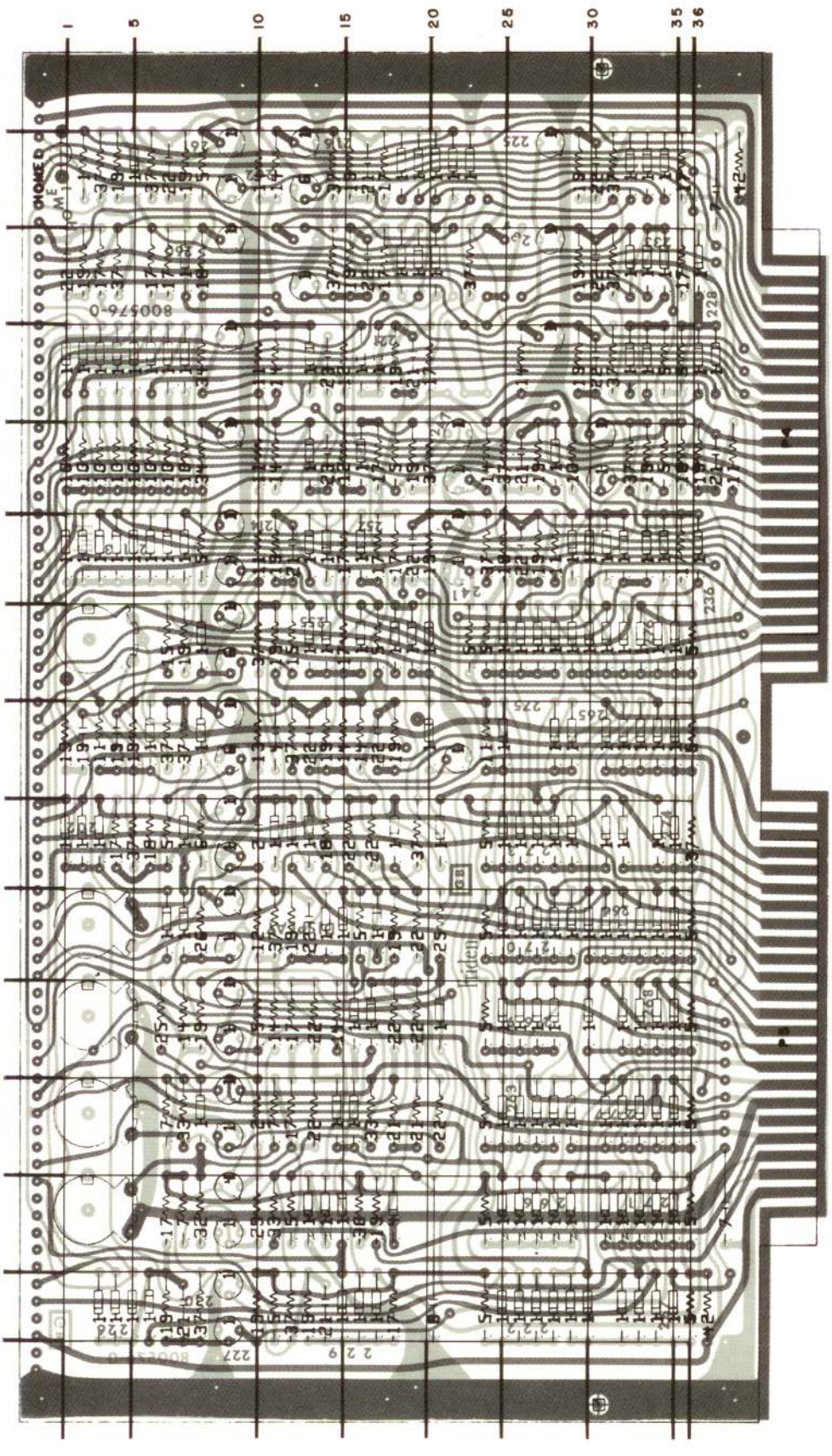
CARD-EB

Courtesy The Old Calculator Museum
http://oldcalculatormuseum.com



CARD-FB

Courtesy The Old Calculator Museum
http://oldcalculatormuseum.com



A TO Z
COMPONENT
SIDE

P - 4

A -12V	1 GND
B -	2 GND
C TC154	3 TCX5
D HOME1	4 CIC4
E CIA9	5 MRL5
F YBL5	6 ESTA3
H XD87	7 CCZ3
J XD77	8 XD67
K PSZ3	9 —
L TR13	10 —
M TC153	11 —
N XD47	12 —
P XD57	13 —
R +6V	14 —
S TC03	15 —
T TR03	16 —
U XD17	17 —
V XD27	18 —
W XD97	19 —
X TFG2	20 YCPR3
Y TC14	21 —
Z TC13	22 —

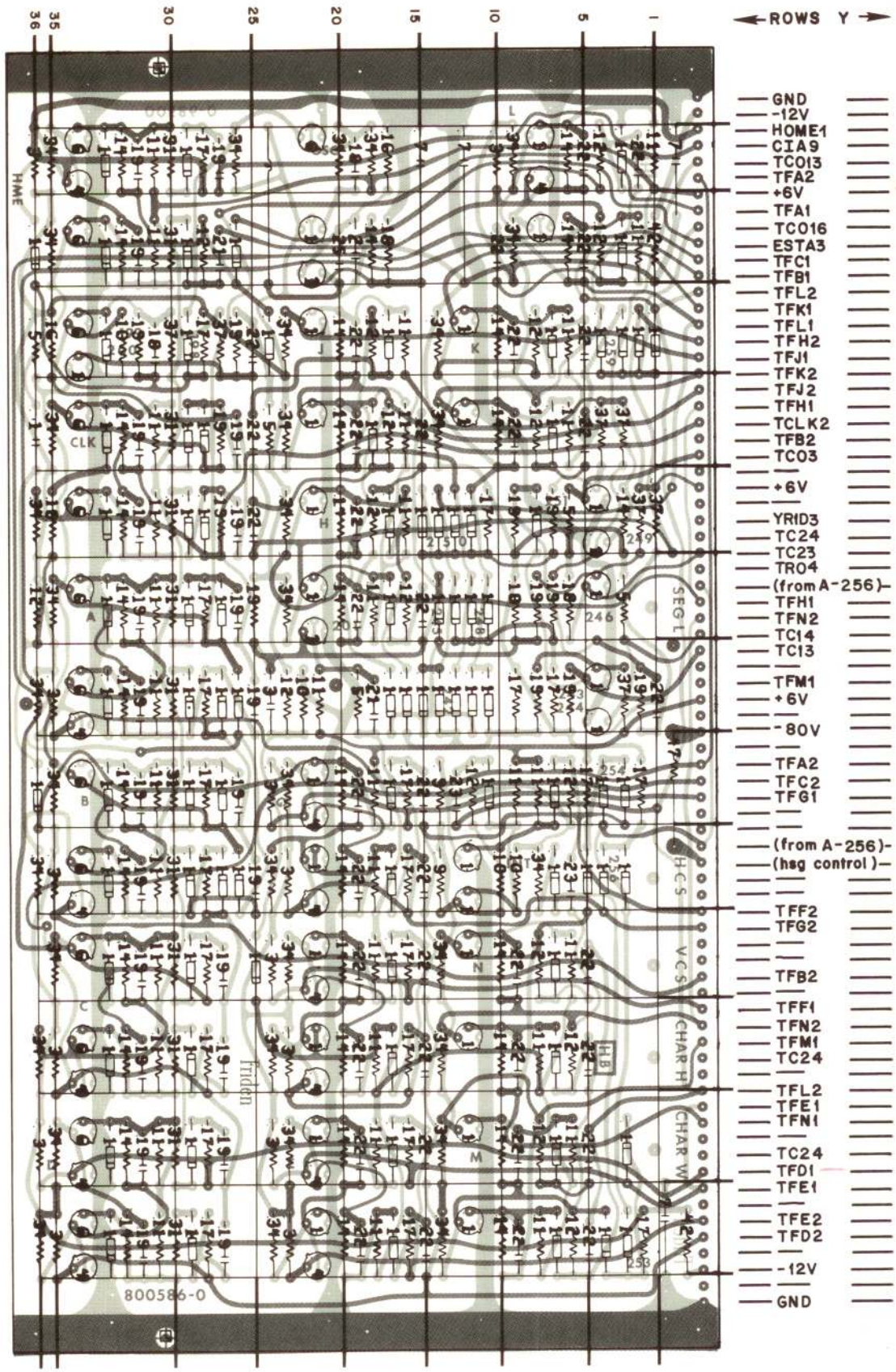
P - 5

A -80V	1 —
B -	2 —
C +6V	3 —
D TB154	4 —
E CD21	5 —
F YD16	6 —
H TFG1	7 —
J CD11	8 —
K CD51	9 —
L TFF2	10 —
M SAD9	11 —
N CD42	12 —
P TR14	13 CD12
R CD32	14 TR04
S CD41	15 CD22
T TFD1	16 TFF1
U DISPLAY GND	17 CD52
V —	18 (to vert amp)
W (to horiz amp)	19 TC24
X TFE2	20 ECFS1
Y —	21 CD31
Z -12V	22 GND

CARD - GB

D132-24

Courtesy The Old Calculator Museum
http://oldcalculatormuseum.com



CARD - HB

Courtesy The Old Calculator Museum
http://oldcalculatormuseum.com