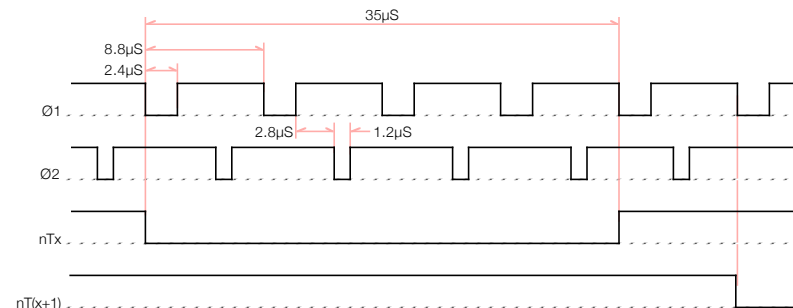
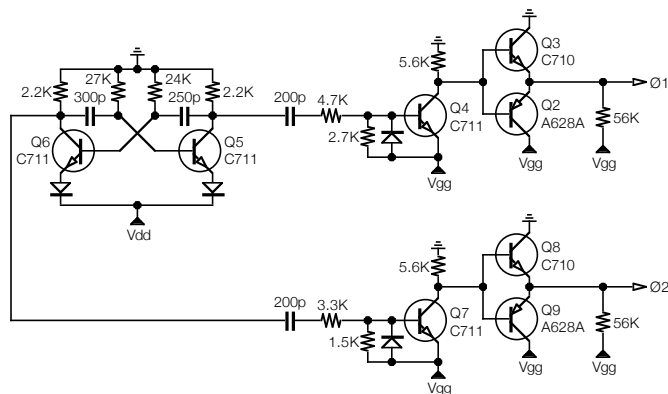
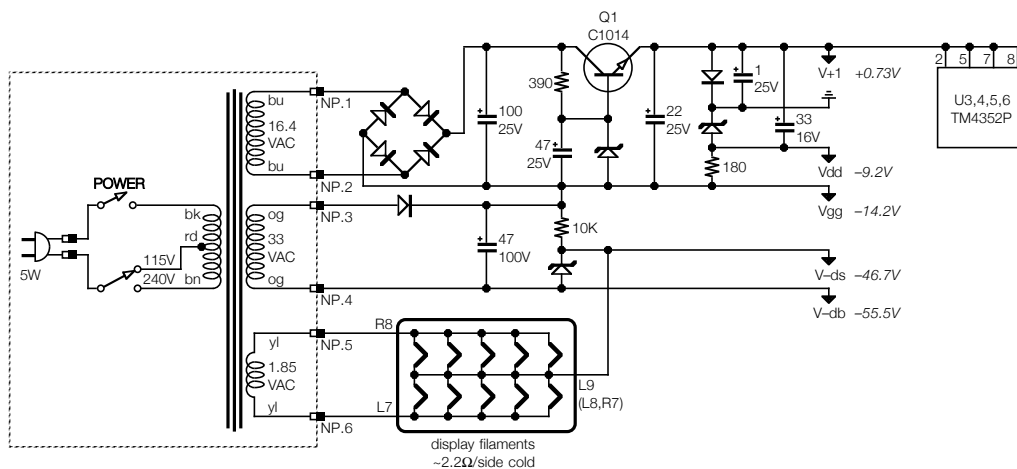




O1 & O2 frequency = 111.5KHz.
Number cycle is $14 \cdot 5 \cdot O1 = 616\mu s = 1.6KHz$.



Notes

- Capacitance in microfarads unless otherwise specified.
- Voltages measured with 120.5VAC mains.
- Based on unit with Serial No. 02730419.
- 2021 Jan: Initial drawing / bhilpert.

Miida MC1214
Calculator

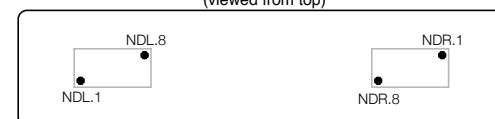
HD3538 / U1 Pinout

Vdd	1	28	ØM2
Vgg	2	27	DPOS
n.c.	3	26	IC5
IC1	4	25	GND
IC2	5	24	nT13
IC3	6	23	nT0
IC4	7	22	nT1
nT12	8	21	nT2
nT11	9	20	nT3
nT10	10	19	nT4
nT9	11	18	nT5
nT8	12	17	Ø2
nT7	13	16	nT6
GND	14	15	Ø1

HD3539 / U2 Pinout

Vdd	1	28	ØM2
Vgg	2	27	nSf
KS1	3	26	n.c.
POC	4	25	nSb
IC1	5	24	nSp
IC2	6	23	nSa/FMEM
KS3	7	22	M
nSg/FNEG	8	21	nSg/FNEG
KS2	9	20	nSe
n.c.	10	19	nSc
IC3	11	18	nSd/FOVF
M	12	17	Ø2
IC5	13	16	IC4
GND	14	15	Ø1

Display (viewed from top)



Main Board (component side)

