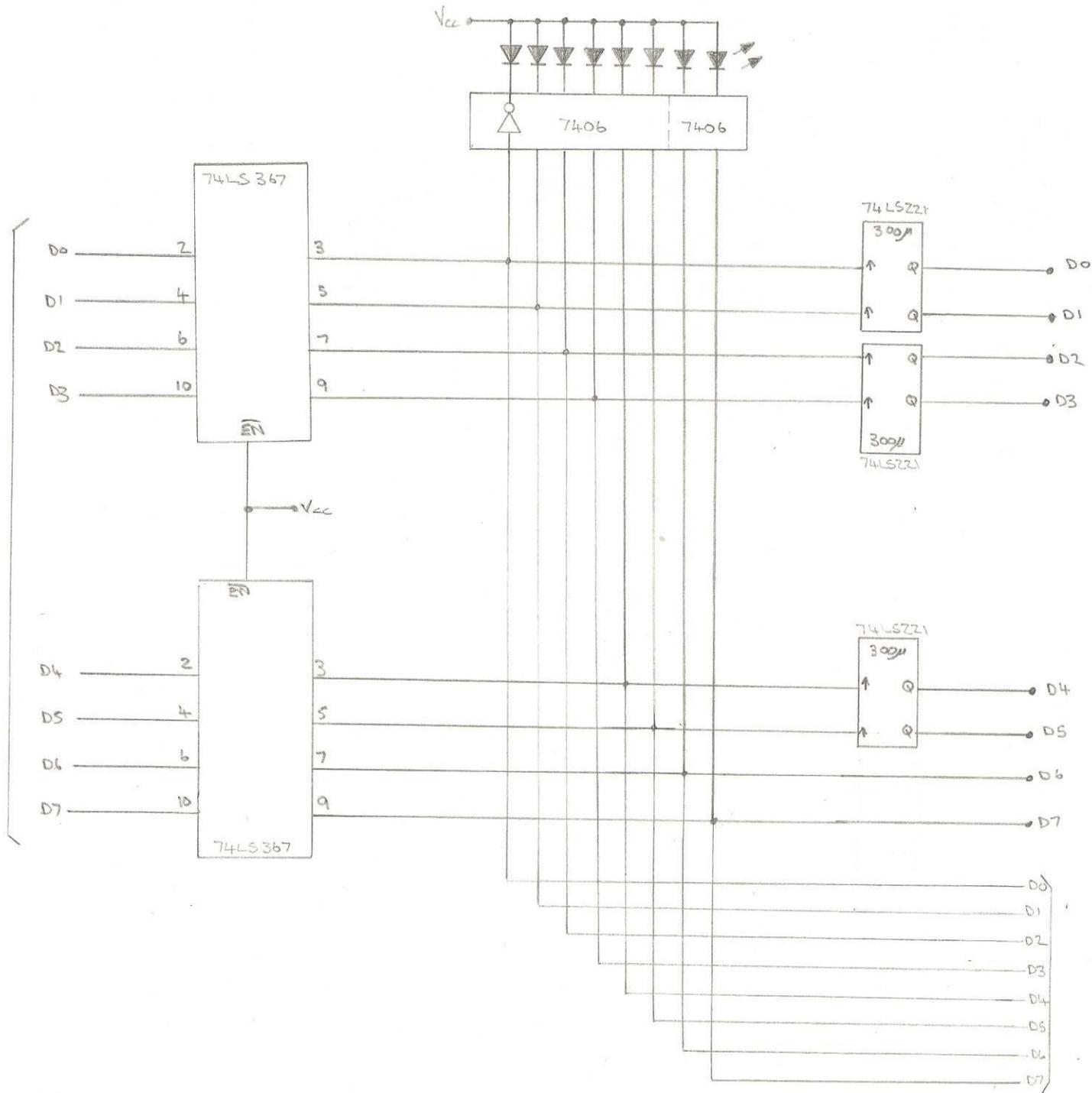


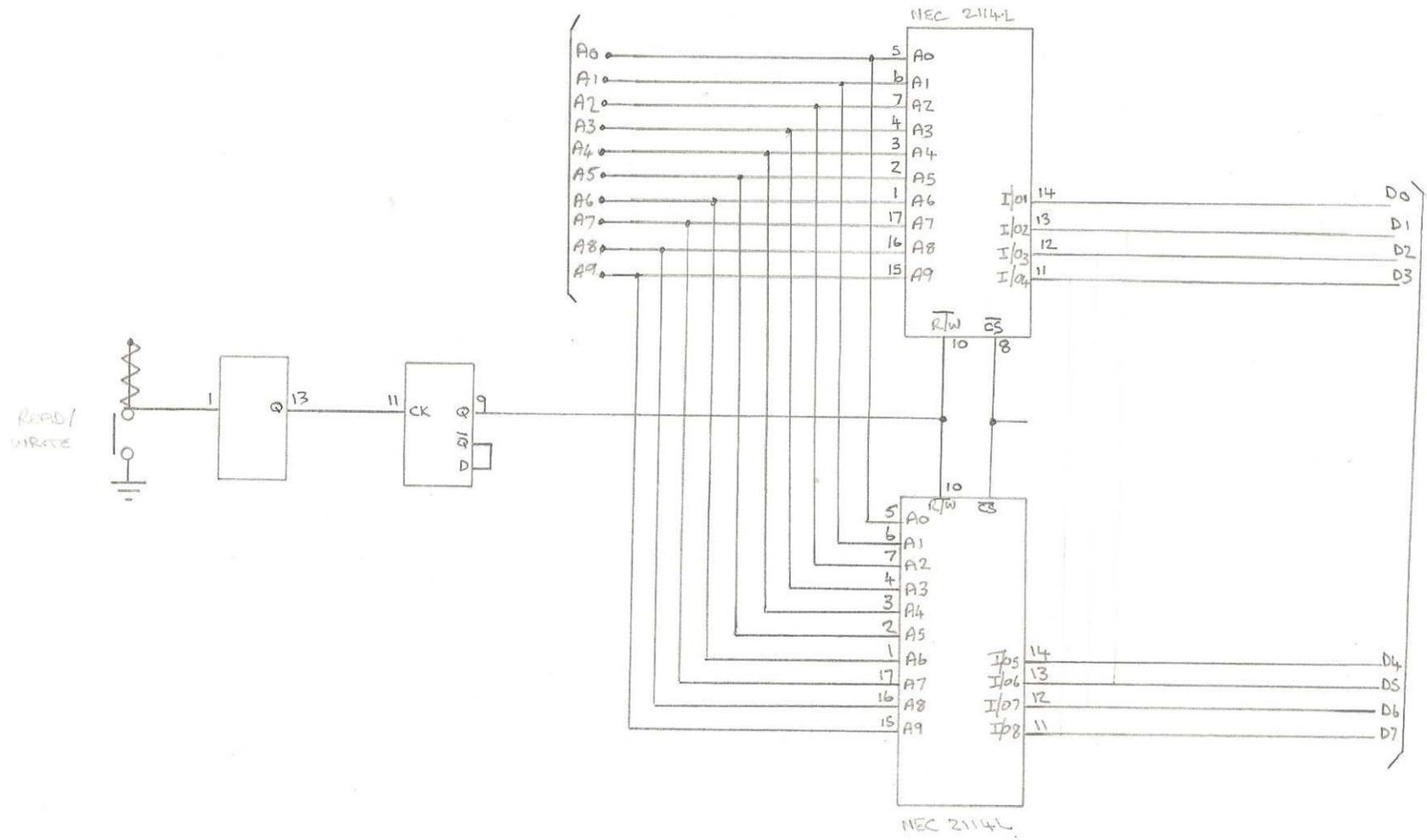
From
memory I/O

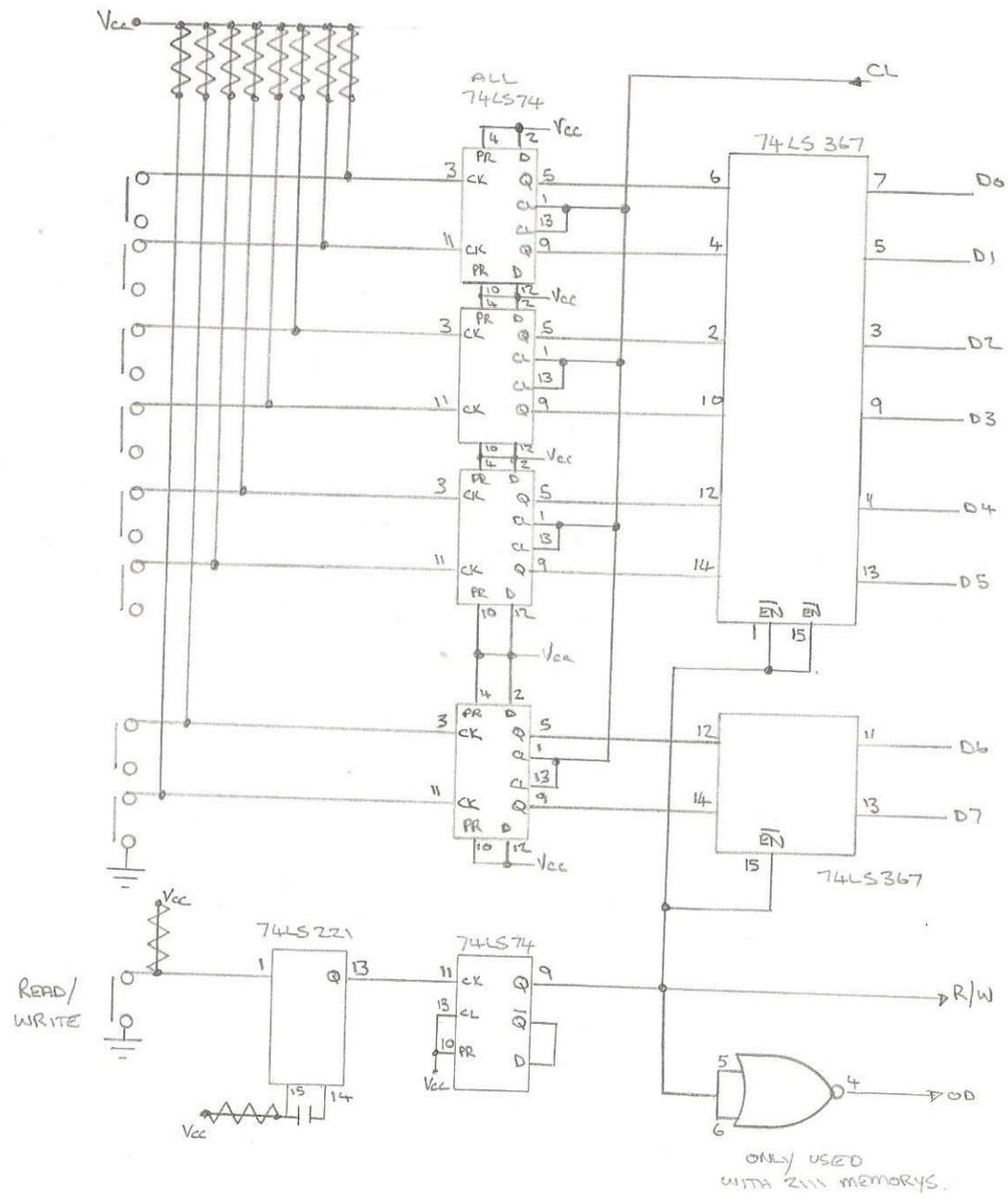


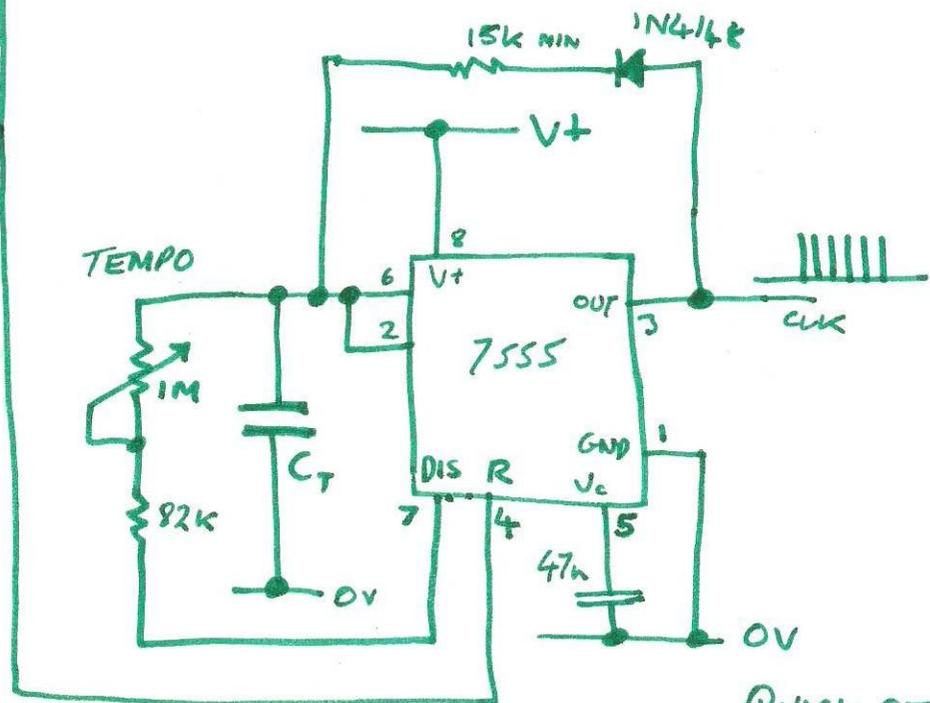
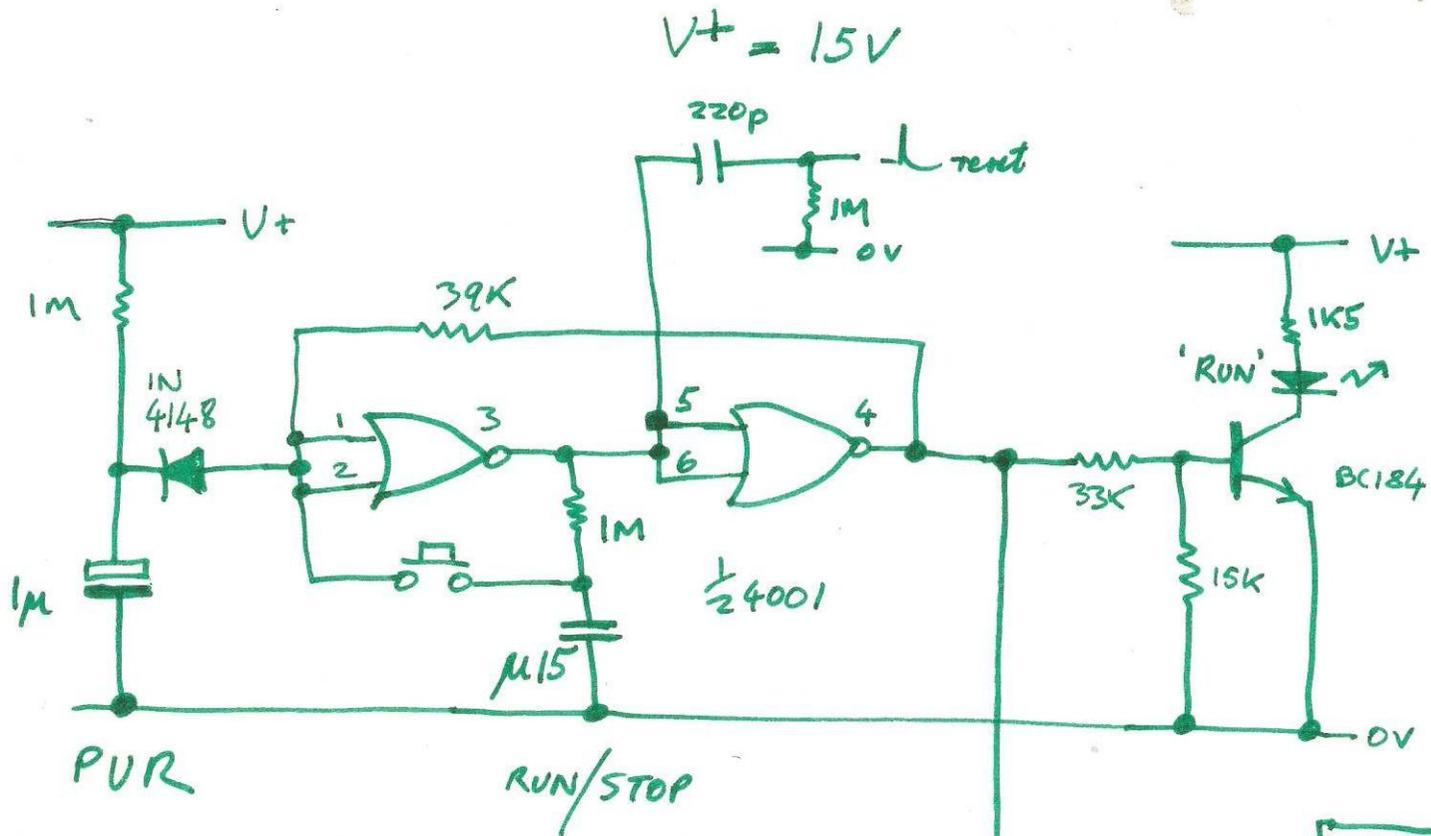
K8
CONTROLLER

SYNTH.	PIN No.
D0	8
D1	9
D2	10
D3	11
D4	12
D5	13
GATE	7
ENABLE	46

To DRUM EFFECTS





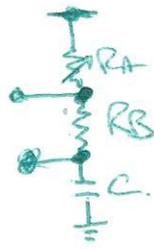


QUICK START ASTABLE

Charge time $t_1 = 0.693(RA + RB)C$

Discharge time $t_2 = 0.693(RB)C$

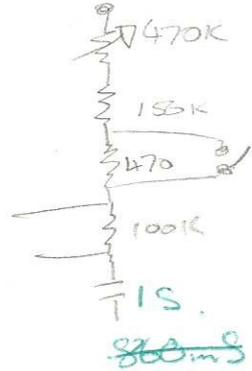
Total time $T = 0.693(RA + 2RB)C$



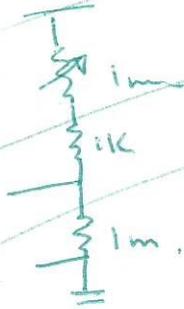
existing max time = 0.86 sec.

min " = 25ms

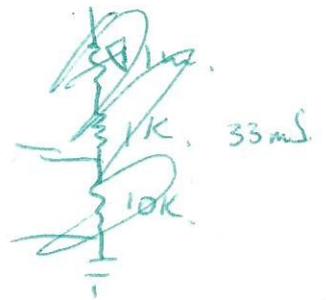
~~1.25s~~
~~0.86s~~
~~25ms~~



stage 1.



min 65ms
max 98ms



	1μF	.47μF	0.1μF	.047μF	0.022μF (0.01)
min	242ms	114ms	24ms	11.4ms	5.3ms
MAX	940ms	440ms	94ms	43ms	20ms

0.22 0.33 0.033
80ms 8ms

max 205ms 308 30ms

	1μF	0.22	0.1μF	0.033
min	242ms	80ms	24ms	8ms
MAX	940ms	308ms	94ms	30ms

TIME LIFE.