

**top pcb**

mc14511cp	1 MC14511 BCD-to-Seven Segment Driver IC
mc14553cp	1 BCD-Output Decade Up Counter
mc14011cp	1 Quad 2 input AND gate
mc14001cp	1 Quad 2 input OR gate
mc14013cp	1 Dual Type D-Type Flip Flop
tis61 ti	3 general purpose pnp(300mw)
ns bc 214	1 general purpose pnp(625mw)

**2nd pcb**

mc1748cp1	1 High Performance operational amplifier
mc1455p1	1 timer/counter (ne555 equ)
mc14521cp	1 24-Stage Frequency Divider
mc14016cp	1 Quad Analog Switch/Quad Multiplexer
mc14040cp	1 12-Bit Binary Counter
mc14011cp	1 Quad 2 input AND gate
mc14001cp	1 Quad 2 input OR gate
bc184	2 small signal npn

**3rd pcb**

mc14011cp	1 Quad 2 input AND gate
lm3900n	1 Quad Operational Amplifiers
xr 2207p Rohm	1 (Brand:Raytheon) Voltage controlled oscillator
lm308n	1 Precision Op-Amp
mc14013cp	1 Dual Type D-Type Flip Flop
mc1747cl	1 Dual Operational Amplifiers
ns bc 214	1 general purpose pnp(625mw)
2n4393	1 N-CH JFET

**4th pcb**

mc14011cp	1 Quad 2 input AND gate
mc14520cp	1 DIP Dual Binary UP Counter
mc14046cp	1 Phase Lock Loop
mc1747cl	1 Internally Compensated, High Performance Operational Amplifiers

nc bs 184c	1 small signal npn
w300a 7709	1 N-CH JFET
2n4392	1 N-CH JFET

**bottom pcb**

btb08	8A TRIAC
10 db 1a	bridge rectifier
tis91	600mw
1n5761a	Bilateral Triggers - DIACs
??? (under heat sink)	