

Capacitors

C6, C9 to C15, C17, C18 100nF multilayer ceramic 50v (0.1" pitch)

C2, C5 100nF polyester (0.2" pitch)

C3, C8 100uF electrolytic 16v (0.1" pitch)

C4 47nF polyester (0.2" pitch)

C7 22pF ceramic (0.1" pitch)

C1, C16, C25 1uF tantalum 25v (0.1" pitch)

Resistors, all are 1% metal film 0.5w nominal

R1 220R

R2 1K2

R3 4K7

R4 200K

R5 3K3 will need to suit dc input voltage range

R6 160K will need to suit dc input voltage range

R7 to R22 180R

Integrated circuits

U1 ICL7109 CPL

U2 W27C020 EEPROM 256Kx8

U3 ICL7660 CPA

U4, U8 74HC574

U5 Oscillator module metal can (DIP 14)
50Hz 3.2768Mhz 60Hz 3.9321Mhz

U6	CD4024
U7, U9	74HC04
U10	74HC4040
U11	SM-05 small Chinese 5v dc power supply (e-bay)
U12	TL431
Miscellaneous	
J1	Plug in screw terminal block, two pins, (0.15" pitch) (3.8mm pitch)
J2 to J5	Plug in screw terminal blocks, four pin, (0.15" pitch)
RP1	Resistor pack 4K7, eight resistors, nine pins
RV1	Multiturn potentiometer 500R (three pins in straight line)
Machined contact sockets for integrated circuits	
U3	8 pins, 0.3" wide
U7, U6, U10, U9	14 pins 0.3" wide
U4, U6	16 pins 0.3" wide
U2	32 pins 0.6" wide
U1	40 pins 0.69" wide