

POWER LOGGER PARTS LIST

RESISTORS

All 0.25W metal film 1%

1 X 5R1
1 X 10R
1 X 82R
1 X 100R
1 X 180R
1 X 220R
1 X 330R
2 X 2K2
1 X 1K
6 X 10K
1 x 22K
1 X 27K

CAPACITORS

2 X 104 (100n) monolithic
1 X 1uF 16v electrolytic
3 x 10uF 25v electrolytic
1 x 330uF 63v electrolytic

DIODES

1 x 1N4004 1 amp power diode
1 x 1N914 signal diode
1 x 1N4732 1W x 4v7 Zener diode
1 x led Any colour

IC's

1 x LM-358 op-amp
1 x 4N32 Darlington opto coupler
1 x 08M picaxe
1 x TL-783 HV Regulator

OTHER ITEMS

1 x 6 pin IC socket
2 x 8 pin IC socket
1 x D9 socket Female 90 degrees
1 x 3 terminal screw connector
1 x 2 terminal screw connector

1 x 3 pin header pin single row
1 x small Jiffy box UB5 (project box
82x53x30mm)
1 x Current transformer (CT)

Optional

1 x 3 pin header socket 3 pin
1 x 3 pin header pin single row
4 x single header pins (for test points)
1 x rubber grommet