

Parts List

- 1 PC board code xxxxxxxx, 100mm x 80mm
- 1 20MHz Crystal
- 4 100 μ H HF Choke (1A or higher rating)
(Jaycar LF-1272 or Altronics L6222)
- 1 Buzzer Mini PCB Mounting
(Jaycar AB-3459 or Altronics S6105)
- 1 4 Pin Disk Drive Power Socket
(Jaycar PP-0744 or Altronics P5671A)
- 1 USB Type B Socket PCB Mount
(Jaycar PS-0920 or Altronics P1304)
- 1 28 pin IC Socket (0.3" pitch)
- 1 18 pin IC Socket
- 4 2 Pin Header Connector PCB Mount
- 4 3 Pin Header Connector PCB Mount
- 4 4 Pin Header Connector PCB Mount

Semiconductors

- 1 PIC18F2550-I/SP microcontroller (IC1)
- 1 UDN2981A Octal Source Driver (IC2)
- 4 LM335Z Temperature Sensor

All are available from

www.futurlec.com or farnell.com.au

Capacitors

- 2 22pF Ceramic
- 2 100nF Monolithic
- 1 220nF MKT
- 1 10 μ F 16V Tantalum
- 4 470 μ F 25V Electrolytic

Resistors (0.25W 5%)

- 4 1.8K Ω
- 1 4.7K Ω
- 1 100K Ω