

Parts List

- 1 PCB, 90mm x 51mm
- 1 USB B Type Socket PCB mounting (Jaycar PS-0920, Altronics P1307, Element14 1696537)
- 1 DE-15 (or HD-15) High Density 15 Pin Female D Connector
(AMP 1-1734530-1, MULTICOMP SPC15430, Element14 1557991 or 1564252)
- 1 RCA Socket PCB mounting (Jaycar PS0279, Altronics P0146A)
- 1 6 Pin Mini DIN Female Connector (socket) PCB mounting
- 1 28 pin SDIP IC Socket
- 1 8MHz Crystal
- 1 4 way Header Connector (male), PCB mount , 0.1 inch pitch
- 1 2 way Header Connector (male), PCB mount , 0.1 inch pitch
- 10 Header pins, 0.1 inch pitch

Semiconductors

- 1 Microchip PIC32MX250F128B-I/SP microcontroller (IC1)
- 1 Microchip MCP1700-3302E/TO voltage regulator (IC2)
- 1 Red LED, 3mm or 5mm

Capacitors

- 2 27pF Ceramic
- 2 100nF Monolithic
- 3 10 μ F 16V Tantalum

Resistors (0.25W 5%)

- 1 82 Ω
- 1 150 Ω
- 1 220 Ω *
- 1 470 Ω
- 4 4.7K Ω
- 1 10K Ω
- 1 100K Ω