

Parts List

- 1 PC board 78mm x 38mm
- 1 8MHz Crystal (Through Hole Mounting)
- 1 Mini USB B Socket (Surface Mount)
- 1 Micro Tactile Push Button Switch (Through Hole Mount)
- Pin Headers Strips as needed (at least 2 x 13 pin header strips will be required)

Semiconductors (Surface Mount)

- 1 PIC32MX695F512H-80I/PT or PIC32MX795F512H-80I/PT microcontroller available from www.microchipdirect.com or futuralec.com (IC1)
- 1 Green LED (1206 package)

Capacitors (Surface Mount)

- 2 22pF Ceramic (0805 package)
- 6 100nF Ceramic (0805 package)
- 1 10 μ F 10V (EIA 3216 package)
- 1 22 μ F 16V low ESR Tantalum (EIA 3216 package)

Resistors (Surface Mount, 0805 package)

- 1 10 Ω
- 1 47 Ω
- 1 1K Ω
- 1 10K Ω