

ID	Description	Part Nbr/Value	Package
	Printed Circuit Board (124mm x 69mm)		
IC1	Microchip Microcontroller	PIC32MX695F512H-80I/PT	64 pin TQFP
IC2	Voltage Regulator, 3.3V	LM1117T-3.3	TO-220
IC3	Voltage Regulator, 5V		7805 TO-220
X1	Low Profile Crystal	8MHz	Through Hole
D1	Diode	1N4148	Through Hole
D2	Green LED, 3mm		Through Hole
D3	Red LED, 3mm		Through Hole
D4	Diode	1N4004	Through Hole
C1	Capacitor, Tantalum	10µF, 16VW	Through Hole
C3	Capacitor, Ceramic	22pF	Through Hole
C4	Capacitor, Ceramic	22pF	Through Hole
C5	Capacitor, Tantalum	10µF, 16VW	Through Hole
C6	Capacitor. Ceramic or MKT	100nF	Through Hole
C7	Capacitor, Tantalum	47µF, 6.3VW	Through Hole
C8	Capacitor. Ceramic or MKT	100nF	Through Hole
C9	Capacitor. Ceramic or MKT	100nF	Through Hole
C10	Capacitor. Ceramic or MKT	100nF	Through Hole
C11	Capacitor. Ceramic or MKT	100nF	Through Hole
C12	Capacitor. Ceramic or MKT	100nF	Through Hole
C13	Capacitor. Ceramic or MKT	330nF	Through Hole
R1	Resistor, ¼W	10K	Through Hole
R2	Resistor, ¼W	10Ω	Through Hole
R3	Resistor, ¼W	120Ω	Through Hole
R4	Resistor, ¼W	680Ω	Through Hole
R5	Resistor, ¼W	1K	Through Hole
R6	Resistor, ¼W	5.6K	Through Hole
R7	Resistor, ¼W	47Ω	Through Hole
R8	Resistor, ¼W	1K	Through Hole
R9	Resistor, ¼W	33K	Through Hole
R10	Resistor, ¼W	33K	Through Hole
R11	Resistor, ¼W	47Ω	Through Hole
CON1	DC power socket 2.1mm PCB mount	Altronics P0620	PCB Through Hole Mounting
CON2	USB Connector, B-Type Socket	Altronics P1304	PCB Through Hole Mounting
CON4	DE-15 (or HD-15) High Density 15 Pin Female D Connector	Altronics P3084A	PCB Through Hole Mounting
CON5	2 pin header connector		PCB Through Hole Mounting
CON6	2 pin header connector		PCB Through Hole Mounting
CON7	6 Pin Mini DIN Female Connector (socket)	Altronics P1106	PCB Through Hole Mounting
CON8	IDC 26 pin boxed header PCB mount 90 degree pins	Altronics P5076	PCB Through Hole Mounting
CON9	SD (Secure Digital) Connector	Altronics P5720	Surface Mount
SW1	Toggle switch SPDT 90 degree PCB mount vert toggle	Altronics S1320	PCB Through Hole Mounting
SW2	Micro Tacticle Push Button Switch	Altronics S1120	PCB Through Hole Mounting
	Snap together case 130x75x28 mm	Altronics H0376	
	4 x Screws, 4mm self tappers 4mm		
	5 x header pins (snap apart)		