

Figure 6 - Parts List

Parts List				
No	Qty	Des	PartNo	Description
1	1	U1	LM317K	Regulator
2	1	U2	PIC16C711-04/P	Pre Programmed Microcontroller
3	1	U3	7805	Regulator
4	1	Q1	BC548	Transistor
5	3	R1- R3	1K 0.25W 5%	Resistor
6	2	R4- R5	3K3 0.25W 5%	Resistor
7	2	R6- R7	100 0.25W 5%	Resistor
8	1	R8	1.0 5W	Wire Wound Resistor
9	1	X1	4.000MHz	Crystal
10	1	D1	IN5404	Power Diode
11	1	C1	4700uF 35VW	Electrolytic Capacitor (36mm high)
12	2	C2- C3	27pF	Ceramic Capacitor
13	1	C4	0.1uF	Monolithic Capacitor
14	1	DP1	KBL407	4A Bridge Rectifier
15	2	L1- L2	LED	Red 5mm
16	4	X1- X4	2 Pin Terminal Block	4A 0.2" pitch
17	1		DIP18	IC Socket
18	2		TO3 Lead Grommets	
19	1		TO3 Silicon Washer	

20	1		Heatsink compound	
21	3		Bolts, Nuts, Washers	1/8"x1/2"long
22	2		LED Bezels	5mm
23	1		Rubber Grommet	4mm hole
24	1		Socket	EIAJ DC Panel 2.5mm
25	1		Plug	EIAJ DC In Line Plug 2.5mm
26	1		Die Cast Case	Dimensions 55x171x121mm
27	1m		Multistrand Wire	18 gauge
28	1		PCB Number 14104011	80x85mm
29	1		Ring Connector	18 gauge crimp 4mm hole
30	4		Bushes, Bolts, Nuts, Washers	9mm stand off