

SR 24/6 BOM Revision 1a

Part Value

Description	Mouser P/N	QTY.
P1 Tyco Terminal Block 2P Vertical	571-7969492	1
BR1 4 pin Bridge rectifier lamp dip formfactor	625-DF02MA-E3	1
C1,C2 220uf 25V Electrolytic	647-UVZ1E221MPD	2
C6,7 22pf 50V MLCC cap PIC16F727 only	810-FK18C0G1H220J	2
C9 .33uf cap	81-RDER71H334K1K103B	1
C3,4,5,8 .1uf cap	81-RPEF51104Z2S2A03A	3
D2 1N5229 (4.3v)	78-1N5229B	1
D1 1N5239 (9.1v)	78-1N5239B	1
IC2 65LBC179	595-SN65LBC179P	1
IC3 H11AA1	782-H11AA1	1
IC4 LM7805CT	512-LM7805CT	1
40 Pin IC Socket	517-4840-6000-CP	1
IC5 PIC18F4520 or 4620, 4525 or PIC16F727	579-PIC18F4520-I/P	1
ICSP 6 pin header	571-6404526	1
JP1 XBheader 5 pin header	571-640452-5	1
Shunt for XBheader	737-MS-C	1
J1-J6 RJ45 Jack	571-5555164-1	6
FE Led yellow 3 or 5MM LED	604-WP132XYD	1
Power,ZC,HB Led Red 3 or 5MM LED	604-WP132XID	3
RX Led Green 3 or 5MM LED	604-WP132XGD	1
R1,2,8,9,10 1k ohm resistor 1/4 watt	291-1k-RC	5
R3,4,5 330 ohm resistor 1/4 watt	291-330-RC	3
R6 10k ohm resistor 1/4 watt	291-10k-RC	1
R7 120 ohm resistor 1/4 watt	291-120-RC	1
R11,12 27k ohm resistor 1/4 watt	291-27k-RC	2
Q1 20MHZ Crystal OSC PIC16F727 only	520-200-18-4XEN	1
Optional 8 pin IC socket	517-4808-3004-Cp	1
Optional 6 pin IC socket	571-1-390261-1	1
Walwart 9-12 volts AC only		1

Mouser project link

<http://www.mouser.com:80/ProjectManager/ProjectDetail.aspx?AccessID=78afb9f87>