

SR 32 Combo BOM Revision 2

Part Value

Description	Mouser P/N	QTY.
P1 Tyco Terminal Block 2P Vertical	571-7969492	1
BR1 4 pin Bridge rectifier lamp dip	625-DF02MA-E3	1
C1 470uf 25V Electrolytic	647-UVZ1E471MPD	1
C2 220uf 25V Electrolytic	647-UVZ1E221MPD	1
C3,4,5,6 .1uf	81-RPEF51104Z2S2A03A	4
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 and 4525	579-PIC18F4520-I/P	1
ICSP 6 pin header	571-6404526	1
PIC Bypass 3 pin header	571-3-644456-3	1
JP1 XBheader 5 pin header	571-640452-5	1
JP3 Term 2 pin header	571-6404522	1
Shunts for XBheader and Bypass	737-MSC-G	3
J1-J10 RJ45 Jack Top Load	571-5556416-1	10
Status Led yellow 5 MM LED	78-TLHY5405	1
Power Led Red 5 MM LED	78-TLHR5401	1
RX/TX Led Green 5 MM LED	78-TLHG5401	1
R1,2,8,9,10 1k ohm resistor 1/4 watt	291-1k-RC	5
R3,R5 330 ohm resistor 1/4 watt	291-330-RC	2
R6 10k ohm resistor 1/4 watt	291-10k-RC	1
R7 120 ohm resistor 1/4 watt (optional/DMX/2012)	291-120-RC	1
R11,12 27k ohm resistor 1/4 watt	291-27k-RC	2
Optional 8 pin IC socket	517-4808-3004-CP	1
Optional 6 pin IC socket	571-1-390261-1	1
Wallwart 9-12 volts AC only	553-WAU12-1000	1
Mouser project link		

<http://www.mouser.com:80/ProjectManager/ProjectDetail.aspx?AccessID=404d2dcb3C>