

SR RGB+W BOM Revision 1b

Part Value

Description	Mouser P/N	QTY.
P1 Tyco Terminal Block 2P Vertical	571-7969492	2
C1,C2 100uf 35V Electrolytic	647-UVZ1V101MED	2
C6 .33uf	81-RDER71H334K1K103B	1
C3,4,5 .1uf	81-RPEF51104Z2S2A03A	3
D2 1N5229 (4.3v)	78-1N5229B	1
D1 1N5239 (9.1v)	78-1N5239B	1
IC1 65LBC179	595-SN65LBC179P	1
IC3 LM7805CT	512-LM7805CT	1
40 Pin IC Socket	517-4840-6000-CP	1
IC2 PIC18F4520 or 4620 and 4525	579-PIC18F4520-I/P	1
ICSP 6 pin header	571-6404526	1
JP2 XBheader 5 pin header	571-640452-5	1
Shunt for XBheader and Vreg bypass	737-MSC-G	3
JP3 Vreg bypass 2 pin header	571-6404522	1
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
R1,2,6 1k ohm resistor 1/8 watt	299-1k-RC	3
R3,7 330 ohm resistor 1/8 watt	299-330-RC	2
R4 10k ohm resistor 1/8 watt	299-10k-RC	1
R5 120 ohm resistor 1/8 watt	299-120-RC	1
R9,10 27k ohm resistor 1/8 watt	299-27k-RC	2
R11-42 820 ohm resistor 1/8 watt	299-820-RC	32
T1-32 Transistor PN2222AG	863-PN2222AG	32
PIC Bypass Header	571-3-644456-3	1
8 pin IC socket	517-4808-3004-CP	1

Mouser project link

<http://www.mouser.com:80/ProjectManager/ProjectDetail.aspx?AccessID=d37c8361c9>