

Renard Plus RGB Strip Controller BOM Revision 1

Part Value

Description	Mouser P/N	QTY.
TB1 Tyco Terminal Block 2P Vertical	571-7969492	1
C2 220uf 35V Electrolytic	647-UVZ1V221MED	1
C1,3,4,5,6 .1uf	81-RPEF51104Z2S2A03A	5
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, PIC bypass 485 term	737-MS-C	3
J1-J10 RJ45 Jack Top Load	571-5556416-1	10
FE Led yellow 5 MM LED	78-TLHY5405	1
Power,HB,ZC Led Red 5 MM LED	78-TLHR5401	3
RX Led Green 5 MM LED	78-TLHG5401	1
R1,2,10 1k ohm resistor 1/4 watt	291-1k-RC	3
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
PIC Bypass Header	571-3-644456-3	1
8 pin IC socket	517-4808-3004-CP	1
JP3 RS485 Term.	571-6404522	1
Mouser project link		

<http://www.mouser.com/ProjectManager/ProjectDetail.aspx?AccessID=70b8220d67>