

Renard Plus 32 BOM Revision 1b

Part Value

Description	Mouser P/N	QTY.
P1 Tyco Terminal Block 2P Vertical	571-7969492	1
F1 5mm fuse clips	534-3517	2
F1 Glass fuse .8 amps	504-GDB-800MA	1
Fuse cover (optional)	534-3527C	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-RDER71H104KOS1C03	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, JP1, JP2, JP3 16 pin header cut to fit	571-16404526	1
Shunts for XBheader and Bypass	649-63429-202LF	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	571-1-2199298-1	1
Transformer pri.115/230volts sec.8volts 800ma.	838-3FD-416	1

Mouser project link

<http://www.mouser.com/ProjectManager/ProjectDetail.aspx?AccessID=7d6712b5a4>