

Renard Plus 16

Mouser project

Description	Mouser P/N	QTY
Modular Jacks 8 PCB TOP ENTRY marked J1-J6	571-5556416-1	6
5mm x 20mm Medium Time Delay Fuse 125VAC 1Amp	504-GMC-1	1
Fuse Clips and Holders PC FUSE CLIP 5 MM	534-3517	2
Fuse Cover (Optional)	534-3527C	1
IC Sockets 6P ECONOMY TIN	571-1-390261-1	1
BR1 4 pin Bridge rectifier 1amp dip	625-DF02MA-E3	1
C1 1000uf 25V Electrolytic	647-UVZ1E102MPD	1
C2 220uf 25V Electrolytic	647-UVZ1E221MPD	1
C3,4,5,8,9 .1uf	81-RCER71H104K0A2H3B	5
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
Shunts for RenW PIC Bypass RS485	649-68786-202	3
Status Led yellow 5 MM LED	78-TLHY5405	1
Power Led Red 5 MM LED	78-TLHR5401	3
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,R4,R5 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
8 pin IC socket	517-4808-3004-CP	1
Transformer sec.6.3volts 400ma.	838-3FD-312	1
IC & Component Sockets 28P	571-1-390261-9	1
IC1 Microcontrollers (MCU) 48KB 3968	579-PIC18F2525-I/SP	1
C6,C7 22pf cap (Optional, user preference)	581-SA102A220JAR	2
Q1 16MHZ OSC (Optional, user preference)	520-160-18-4XEN	1
Terminal Block 5.08mm 16 pin Header Cut to fit	571-7969492	1
ICSP, JP2 PIC Bypass, JP1 RenW, JP3 RS485 term.	571-16404526	1

Mouser Project Link <http://www.mouser.com/ProjectManager/ProjectDetail.aspx?AccessID=993153283a>