

Renard Plus TR16 v.1

Description	Mouser P/N	QTY
Modular Jacks 8 PCB TOP ENTRY marked J1-J2	571-5556416-1	2
5mm x 20mm Medium Time Delay Fuse 125VAC 10Amp	504-GMC-10	2
Fuse Clips and Holders PC FUSE CLIP 5 MM	576-05200001N	4
Fuse Cover (Optional)	534-3527C	2
T Blocks 5.08MM PCB PC1-C16,AC/NEU	571-2828372	18
IC Sockets 6P ECONOMY TIN (Optional)	571-1-390261-1	17
BR1 4 pin Bridge rectifier lamp 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-RPEF51104Z2S2A03A	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
16 pin Header Cut to fit		
ICSP, JP2 PIC Bypass, JP1 RenW, JP3 RS485 term.	571-16404526	1
Shunts for XBheader and Bypass	737-MSC-G	3
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
R1,2,8,9,10 1k ohm resistor 1/8 watt	299-1k-RC	5
R19-R34 680 ohm resistor 1/8 watt	299-680-RC	16
R3,R4,R5 330 ohm resistor 1/8 watt	299-330-RC	3
R6 10k ohm resistor 1/8 watt	299-10k-RC	1
R7 120 ohm resistor 1/8 watt	299-120-RC	1
R43,44 27k ohm resistor 1/8 watt	299-27k-RC	2
R11-18, R35-42 180 ohm resistor 1/8 watt	299-180-RC	16
R45-52,R53-60 47K 1/2 watt (Optional) Snubber	293-47k-RC	16
Optional 8 pin IC socket (optional)	517-4808-3004-CP	1
Transformer pri.115/230volts sec.8volts 800ma.	838-3FD-416	1
IC & Component Sockets 28P	571-1-390261-9	1
M1-M16 Triac Output Optocouplers MOC3023	859-MOC3023	16
IC1 Microcontrollers (MCU) 48KB 3968	579-PIC18F2525-I/SP	1
T1-T16 Triac 6AMP snubberless	511-BTA06-600CW	16
RES1 resonator 16mhz (Optional)	81-CSTLS16M0X53-B0	1

Mouser Project link <http://www.mouser.com/ProjectManager/ProjectDetail.aspx?AccessID=59f8c86984>