

Renard Plus TR24 Rev1

Description	Mouser P/N	QTY
Modular Jacks 8 PCB TOP ENTRY marked J1-J2	571-5556416-1	2
5mm x 20mm Fuse 125VAC 12.5 Amp	693-0034.3128.TR	2
Fuse Clips and Holders PC FUSE CLIP 5 MM	534-3517	4
Fuse Cover (Optional)	534-3527C	2
T Blocks 5.08MM PCB CH1-CH24	571-2828372	24
T Blocks 5.08 PCB ACIN1 ACIN2 17Amps	571-7969492	2
IC Sockets 6P ECONOMY TIN (Optional)	571-1-390261-1	25
BR1(IC5) 4 pin Bridge rectifier lamp dip	625-DF02MA-E3	1
C1 1000uf 25V Electrolytic	647-UVZ1E102MPD	1
C3 220uf 25V Electrolytic	647-UVZ1E221MPD	1
C2,C4,C5,C6,C7 .1uf	81-RDER71H104K0K103B	5
D1 1N5229 (4.3v)	78-1N5229B	1
D2 1N5239 (9.1v)	78-1N5239B	1
IC4 65LBC179	595-SN65LBC179P	1
IC1 H11AA1	782-H11AA1	1
IC2 LM7805CT	512-LM7805CT	1
16 pin Header Cut to fit		
ICSP, JP3 PIC Bypass, JP2 RenW, JP1 RS485 term.	571-16404526	1
Shunts for XBheader and Bypass	737-MSC-G	3
FE Led yellow 5 MM LED	78-TLHY5405	1
Power Led Red 5 MM LED	78-TLHR5401	1
RX Led Green 5 MM LED	78-TLHG5401	1
R25,R26,R28,R31,R32 1k ohm resistor 1/8 watt	299-1k-RC	5
R13-R24, R36-R47 680 ohm resistor 1/8 watt	299-680-RC	24
R30,R35 330 ohm resistor 1/8 watt	299-330-RC	2
R34 10k ohm resistor 1/8 watt	299-10k-RC	1
R27 120 ohm resistor 1/8 watt	299-120-RC	1
R29,R33 27k ohm resistor 1/8 watt	299-27k-RC	2
R1-R12, R48-59 180 ohm resistor 1/8 watt	299-180-RC	24
Optional 8 pin IC socket (optional)	517-4808-3004-CP	1
TR1 pri.115/230volts sec.8volts 800ma.	838-3FD-416	1
IC & Component Sockets 40 Pin	571-1-390262-5	1
M1-M24 Triac Output Optocouplers MOC3023	859-MOC3023	24
IC3 Microcontrollers (MCU) 48KB 3968	579-PIC18F4520-I/P	1
T1-T24 Triac 6AMP snubberless	511-BTA06-600CW	24

<http://www.mouser.com/ProjectManager/ProjectDetail.aspx?AccessID=587c062e79>