

Renard Plus TR8 Flex v.1a

| 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 15Amp  | 504-GMA-15-R         | 1   |
| Fuse Clips and Holders PC FUSE CLIP 5 MM        | 534-3517             | 2   |
| Fuse Cover (Optional)                           | 534-3527C            | 2   |
| T Blocks 5.08MM PCB Ch1-Ch8,AC/NEU              | 571-2828372          | 9   |
| IC Sockets 6P ECONOMY TIN (Optional)            | 571-1-2199298-1      | 9   |
| IC5 BR1 4 pin Bridge rectifier 1 amp dip        | 625-DF02MA-E3        | 1   |
| C1 1000uf 25V Electrolytic                      | 647-UVZ1E102MPD      | 1   |
| C2 220uf 25V Electrolytic                       | 647-UVZ1E221MPD      | 1   |
| C3,4,8,9 .1uf                                   | 81-RDER71H104K0S1C03 | 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   |
| 16 pin Header Cut to fit                        |                      |     |
| ICSP, JP2 PIC Bypass, JP1 RenW, JP3 RS485 term. | 571-16404526         | 1   |
| Shunts for XBheader and Bypass                  | 649-63429-202LF      | 3   |
| FE Led yellow 3 MM LED                          | 78-TLHE4600          | 1   |
| Power, HB, ZC Led Red 3 MM LED                  | 78-TLHK4600          | 3   |
| RX Led Green 3 MM LED                           | 78-TLHG4405          | 1   |
| R1,2,8,9,10 1k ohm resistor 1/8 watt            | 299-1k-RC            | 5   |
| R19-R26 680 ohm resistor 1/8 watt               | 299-680-RC           | 8   |
| 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   |
| R11-18 180 ohm resistor 1/8 watt                | 299-180-RC           | 8   |
| 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                      | 571-1-2199298-9      | 1   |
| M1-M8 Triac Output Optocouplers MOC3023         | 859-MOC3023          | 8   |
| IC1 Microcontrollers (MCU) 48KB 3968            | 579-PIC18F2525-I/SP  | 1   |
| T1-T8 Triac 6AMP snubberless                    | 511-BTA06-600CW      | 8   |
| JP4 Header 1 Female 10 pin header               | 517-929974-01-10-RK  | 1   |

Mouser Project link <http://www.mouser.com/ProjectManager/ProjectDetail.aspx?AccessID=3780bb115d>