

Renard Plus RGB DCSSR6 BOM Revision 1

Part Value

Description	Mouser P/N	QTY.
TB DCIN,CH1,CH2,CH3 Tyco Terminal Block	571-7969492	4
J2 RJ45 Jack	571-5520251	1
R10,11 1k ohm resistor 1/4 watt	291-1k-RC	2
R4,5,6 470 ohm resistor 1/4 watt	291-470-RC	3
R1,2,3 680 ohm resistor 1/4 watt	291-680-RC	3
R7,8,9 10K ohm resistor 1/4 watt	291-10k-RC	3
IC1 Low current 5 volt Vreg	512-LM78L05ACZX	1
IC2 K847PH optocoupler	782-K847PH	1
IC3 1Amp 5 volt Vreg LM7805CT optional	512-LM7805CT	1
Q1,2,3 Power Fet FQPF13N06L	512-FQPF13N06L	3
F1 fuse holder	576-05200001N	2
F1 Fuse 10Amp Fast Acting	504-GMA-10	1
C1,3 .1uf 50Volts	81-RPEF51104Z2S2A03A	2
C4 100uf 35Volts	647-UVR1V101MED1TA	1
Red LED 5mm Power	78-TLHR5401	1
Green LED 5mm Online	78-TLHG5401	1
IC socket 16 pin	571-1-390261-4	1

Mouser project link

<http://www.mouser.com/ProjectManager/ProjectDetail.aspx?AccessID=cab0aeb42e>