



Grey Wolf Solar Charge Controller Board List of Parts

no.	References	Value	Description	QTY
1	C1	100nf 63V	Non Polar Capacitor	1
2	D1	10A10	Rectifier diode	1
3	D2	LED_G	LED Green 5mm	1
4	D3	LED_R	LED Red 5 mm	1
5	D4,D7	12V Z	12 volt Zener	2
6	D5	5.1V Z	5v1 Zener	1
7	D6	LED_B	LED Blue 5 mm	1
8	J1	SOLAR PANEL	Solar Panel connector	1
9	J2	12V BATTERY	12v Battery Connector	1
10	Q1,Q3,Q4	BC547	BC547 Transistor	3
11	Q2	IRF4905	IRF4905 MOSFET	1
12	R1,R10	470R	1/4w Resistor	2
13	R2,R3,R9	15K	1/4w Resistor	3
14	R4	10K	1/4w Resistor	1
15	R5	100K	1/4w Resistor	1
16	R6,R11,R13	1K	1/4w Resistor	3
17	R7	47K	1/4w Resistor	1
18	R8,R12	4K7	1/4w Resistor	2
19	RV1	50K	Preset	1
20	U1	LM358	Op-Amp IC	1

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