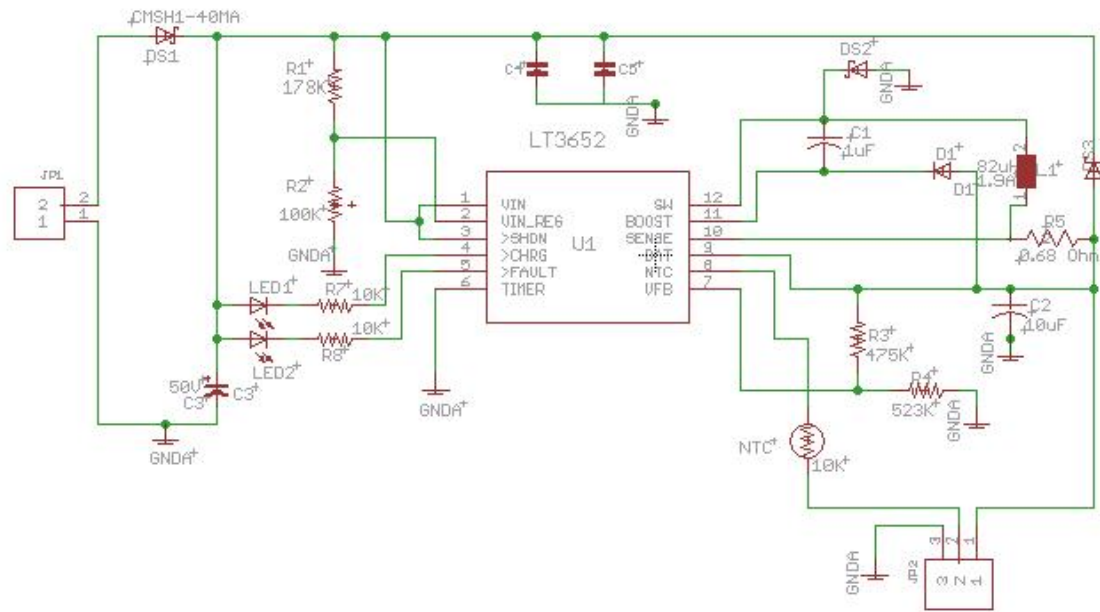


# Solar Panel - Schematic & BOM



Product Type	Part Number	Comp. Label	No.of Unit
Battery Charger	LT3652(LinearTech)	U1	1
DIODE SCHOTTKY	CMSH1-40MA / SS14	DS1	1
DIODE SCHOTTKY	CMSH3-40MA / SK34A	DS2/3	2
SOLAR PANEL, 1.2W	MSX-01F	I/P1	1
THERMISTOR, SMD, 10K	NCP18XH103J03RB	NTC	1
Diode	1N914	D1	1
INDUCTOR, POWER, 82UH	B82477G4823M	L1	1
LED Lamp	597-3111-407F	LED1	1
LED Lamp	597-3311-407F	LED2	1
CAPACITOR, 0805, 1UF, 50V	GRM21BR71H105KA12L	C1	1
CAPACITOR, 10UF 50V CAPACITOR, 10UF 50V	UUT1H100MCL1GS	C2 and C3	2

## Solar Panel - Schematic & BOM

CAPACITOR CERAMIC 4.7UF, 50V, Y5V	MC1210F475Z500CT	C4 and C5	2
RESISTOR, 0603, 133K 1% 50PPM	CPF0603F133KC1	R1	1
RESISTOR, 0603, 100K 1% 50PPM	CPF0603F100KC1	R2	1
RESISTORS, 0603 475K	MC 0.063W 0603 1% 475K	R3	1
RESISTORS, 0603 523K	MC 0.063W 0603 1% 523K	R4	1
RESISTOR, POWER, 1206, 1%, 0R68	ERJB2BFR68V	R5	1
RESISTOR, THIN FILM, 10KOHM, 63mW, 0.1%	TNPW040210K0BEED	R7 & R8	2
HEADER	B2B-PH-K-S(LF)(SN)	JP1	1
HOUSING	PHR-2		1
HEADER	B3B-PH-K-S(LF)(SN)	JP2	1
HOUSING	PHR-3		1
CONTACT	SPH-002T-P0.5S		5