

Reference	Value	Manufacturer	Description	Footprint	Datasheet
Protection Board Parts					
C1	10u	Various	Tantalum polymer capacitor, 25V	Capacitor_Tantalum_SMD:CP_EIA-3528-12_Kemet-T	Generic
D1	PZU16B2	Nexperia	Zener diode, 16V	Diode_SMD:D_SOD-323F	https://assets.nexperia.com/documents/data-sheet/PZUXB_SER.pdf
F1	0805L010/24YR	Littelfuse	PTC fuse, 100mA	Fuse:Fuse_0805_2012Metric	https://www.littelfuse.com/~/media/electronics/datasheets/resettable_ptcs/littelfuse_ptc_0805l_datasheet.pdf.pdf
J1	PJ-066B	CUI	2.5x5.5mm DC barrel jack, panel mount	user_Connector:BarrelJack_CUI_PJ-066	https://www.cuidevices.com/product/resource/pj-066a.pdf
J2	MKDS	Phoenix Contact	MPN 1711725, 5.08mm, 2 position terminal block	TerminalBlock_Phoenix:TerminalBlock_Phoenix_MKDS-1,5-2-5.08_1x02_P5.08mm_Horizontal	https://media.digikey.com/pdf/Data%20Sheets/Phoenix%20Contact%20PDFs/1711725.pdf
Q1, Q2	Si2369DS	Vishay	30V P-channel MOSFET	Package_TO_SOT_SMD:SOT-23	http://www.vishay.com/docs/62865/si2369d.pdf
Q3	AO3404A	Alpha Omega Semi	30V N-channel MOSFET	Package_TO_SOT_SMD:SOT-23	http://aosmd.com/pdfs/datasheet/AO3404A.pdf
R1	100k	Various	Metal film resistor, 1% tolerance, 100ppm/degC	Resistor_SMD:R_0603_1608Metric	Generic
R2	33k	Various	Metal film resistor, 1% tolerance, 100ppm/degC	Resistor_SMD:R_0603_1608Metric	Generic
R3	6k8	Various	Metal film resistor, 1% tolerance, 100ppm/degC	Resistor_SMD:R_0603_1608Metric	Generic
R4	330k	Various	Metal film resistor, 1% tolerance, 100ppm/degC	Resistor_SMD:R_0603_1608Metric	Generic
R5, R7	10k	Various	Metal film resistor, 1% tolerance, 100ppm/degC	Resistor_SMD:R_0603_1608Metric	Generic
R6	47k	Various	Metal film resistor, 1% tolerance, 100ppm/degC	Resistor_SMD:R_0603_1608Metric	Generic
R8	27k	Various	Metal film resistor, 1% tolerance, 100ppm/degC	Resistor_SMD:R_0603_1608Metric	Generic
U1	ATL431DBZ	Texas Instruments	Adjustable voltage reference	Package_TO_SOT_SMD:SOT-23	http://www.ti.com/lit/ds/symlink/atl431.pdf
Other Control Unit Parts					
	111x	Switchcraft	¼" mono jack, panel mount	N/A	https://www.switchcraft.com/Drawings/110x-m110x_series_cd.pdf
	16-00031	Tensility	12V, 6W, AC-DC wall adapter	N/A	http://www.tensility.com/pdffiles/16-00031.pdf
	1591XXBBK	Hammond	Black ABS project box	N/A	http://www.hammondmfg.com/pdf/1591XXB.pdf
	KC52A13.001NLS	E-Switch	12 position rotary switch, single pole	N/A	https://sten-eswitch-13110800-production.s3.amazonaws.com/system/asset/product_line/data_sheet/105/KC.pdf
Lamp Parts					
	4833.1210	Schurter	¼" mono plug, free hanging	N/A	https://www.schurter.com/en/datasheet/typ_4833.1210.pdf
	30-00686	Tensility	20 AWG, 2 conductor cable	N/A	http://www.tensility.com/pdffiles/30-00686.pdf
	T3.25-SW	SuperBrightLEDs	T3.25 wedge base socket, wired	N/A	https://www.superbrightleds.com/moreinfo/vehicle-bulb-sockets-adapters/t325-wedge-base-socket-wired/1150/2737/
	194-WW5	SuperBrightLEDs	Miniature wedge, 30 lumens, warm white	N/A	https://www.superbrightleds.com/moreinfo/miniature-and-subminiature-bulbs/194-led-landscape-light-bulb-5-led-miniature-wedge-retrofit-30-lumens/3308/9892/