



Comment	Description	Designator	Footprint	LibRef	Quantity
100uF	FS-A	C1	CAPPRD500W50D500 H1100	Electrolytic capacitor	1
10uF	FS-A	C2, C3	CAPPRD500W50D500 H1100	Electrolytic capacitor	2
100nF	2200 pF A±10% 250V Ceramic Capacitor X7R Radial	C4	CAPRB500W50L450T3 00H550	Ceramic capacitor	1
22pF	2200 pF A±10% 250V Ceramic Capacitor X7R Radial	C5, C6	CAPRB500W50L450T3 00H550	Ceramic capacitor	2
1N4007	Diode Switching 1KV 1A 2-Pin DO-41	D1, D3	D10AD1060W80L520D 270	1N4007	2
L08R5000Q1	LED, Orange, Through Hole, T-1 3/4 (5mm), 30 mA, 2.1 V, 635 nm	D2	LEDRD254W57D500H1 070	LED	1
Header 4	4 Position Header Connector Through Hole	J1, J2	SULLINS_PPTC041LFB N-RC	Female header - 4Pins	2
691111710002	2 Position Wire to Board Terminal Block Horizontal with Board 0.197 _5.00mm_ Through Hole	J3	691111710002	Terminal Block - 2Pins	1
691216510003S	5.08 MM TERMINAL BLOCK	J4	Terminal block - 3Pins	3Pins Terminal block	1
JQC-3F-1C-24VDC	Miniature PCB Relay 24VDC, 10A 250VAC, 15A 125VAC, 10A 250VAC	K1	RELAY_JQC-3F-1C- 24VDC	Relay (Standard)	1
Header 7	Header, 7-Pin	P1	HDR1X7	Header 7	1
Header 3	Header, 3-Pin	P2	HDR1X3	Header 3	1
BJT Transistor	-a href="https://pricing. snapeda.com/parts/B C337- 16%:20A1/Taiwan%20 Semiconductor/view- part?ref=eda">Check availability -a -a href="https://pricing. snapeda.com/parts/B C337- 16%:20A1/Taiwan%20 Semiconductor/view- part?ref=eda">Check availability	Q1	TO92250P510H770-3	BC547B	1
1k	(MFR-25FBF52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwidens tand Axial Metal Film	R1, R2	RESAD1100W55L680D 260	Resistor (0.25W)	2
10k	(MFR-25FBF52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwidens tand Axial Metal Film	R3	RESAD1100W55L680D 260	Resistor (0.25W)	1
1k1	(MFR-25FBF52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwidens tand Axial Metal Film	R4	RESAD1100W55L680D 260	Resistor (0.25W)	1
2k2	(MFR-25FBF52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwidens tand Axial Metal Film	R5	RESAD1100W55L680D 260	Resistor (0.25W)	1
LM78__		U1	TO25SP1020X450X196 8-3	LM78__	1
LD1117V33		U2	TO25SP1020X450X196 8-3	LD1117V33	1
ATMEGA328P-PU	ATmega Series 20 MHz 32 KB Flash 2 KB SRAM 8-Bit Microcontroller - DIP- 28	U3	DIP794W46P254L2967 H457O28B	ATMEGA328P-PU	1
ESP8266-01/ESP-01	MakerFocus 4pcs ESP8266 ESP-01 Serial Wireless WiFi Transceiver Receiver Module 1MB SPI Flash DC3.0-3.6V Internet of Things WiFi Module Board Compatible with Ar duino	U4	XCVR_ESP8266- 01/ESP-01	ESP8266-01 Module	1
16MHz	CRYSTAL T/H	Y1	XTAL_ECS-160-20-4X	Crystal oscilator	1