





Comment	Description	Designator	Footprint	LibRef	Quantity
Push button		B2	SW_1302-66-95-BK-260-LCR-D	Push button	1
10uF	FS-A	C1, C3	CAPPRD500W500500H1100	Electrolytic capacitor	2
1000uF	FS-A	C2	CAPPRD500W500500H1100	Electrolytic capacitor	1
100nF	2200 pF $\pm$ 10% 250V Ceramic Capactor X7R Radial	C4	CAPRB500W50L450T300H550	Ceramic capacitor	1
22pF	2200 pF $\pm$ 10% 250V Ceramic Capactor X7R Radial	C5, C6	CAPRB500W50L450T300H550	Ceramic capacitor	2
1N4007	Diode Switching 1KV 1A 2-Pin DO-41	D1	D1OAD1060W80L520D270	1N4007	1
L08R5000Q1	LED, Orange, Through Hole, T-1 3/4 (5mm), 30 mA, 2.1 V, 635 nm	D2	LEDRD254W57D500H1070	LED	1
TBlock 3	5.08 MM TERMINAL BLOCK	J1	Terminal block - 3Pins	3Pins Terminal block	1
Header 4	4 Position Header Connector Through Hole	J2	SULLINS_PPTC041LFB-N-RC	Female header - 4Pins	1
TBlock 2	2 Position Wire to Board Terminal Block Horizontal with Board 0.197 _5.00mm_ Through Hole	J3	691111710002	Terminal Block - 2Pins	1
Header 2	Header, 2-Pin	P1, P2, P3, P4, P5	HDR1X2	Header 2	5
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</a>	Q1	TO92250P510H770-3	BC547B	1
1k	(MFR-25FBF52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwiderstand Axial Metal Film	R1	RESAD1100W55L680D260	Resistor (0.25W)	1
10k	(MFR-25FBF52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwiderstand Axial Metal Film	R2, R3, R4, R5, R6, R7, R9	RESAD1100W55L680D260	Resistor (0.25W)	7
1k1	(MFR-25FBF52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwiderstand Axial Metal Film	R8	RESAD1100W55L680D260	Resistor (0.25W)	1
2k2	(MFR-25FBF52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwiderstand Axial Metal Film	R10	RESAD1100W55L680D260	Resistor (0.25W)	1
LM7805		U1	TO255P1020X450X196 8-3	LM78_	1
LD1117V33		U2	TO255P1020X450X196 8-3	LD1117V33	1
ATMEGA328P-PU	ATmega Series 20 MHz 32 KB Flash 2 KB SRAM 8-Bit Microcontroller - DIP-28	U3	DIP794W46P254L2967H457Q28B	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 Arduino	U4	XCVR_ESP8266-01/ESP-01	ESP8266-01 Module	1
16MHz	CRYSTAL T/H	Y1	XTAL_ECS-160-20-4X	Crystal oscillator	1