





Comment	Description	Designator	Footprint	LibRef	Quantity
100uF	FS-A	C1, C5, C8	CAPPRD500W50D500 H1100	Electrolytic capacitor	3
10uF	FS-A	C2, C3	CAPPRD500W50D500 H1100	Electrolytic capacitor	2
22pF	2200 pF $\pm 10\%$ 250V Ceramic Capacitor X7R Radial	C4, C6, C7	CAPRB500W50L450T3 00H550	Ceramic capacitor	3
1N4007	Diode Switching 1KV 1A 2-Pin DO-41	D1, D3, D4	DIOAD1060W80L520D 270	1N4007	3
L08R5000Q1	LED, Orange, Through Hole, T-1 3/4 (5mm), 30 mA, 2.1 V, 635 nm	D2	LEDRD254W57D500H1 070	LED	1
TBlock 3	3 Position Wire to Board Terminal Block Horizontal with Board 0.138 (3.50mm) Through Hole	J1	691214110003	Terminal blocks - 3Pins (Small)	1
TBlock 2	2 Position Wire to Board Terminal Block Horizontal with Board 0.197 _5.00mm_ Through Hole	J2	691111710002	Terminal Block - 2Pins	1
Header 4	4 Position Header Connector Through Hole	J3	SULLINS_PPTC041LFB N-RC	Female header - 4Pins	1
TBlock	2 Position Wire to Board Terminal Block Horizontal with Board 0.197 _5.00mm_ Through Hole	J4	691111710002	Terminal Block - 2Pins	1
Header 2	Header, 2-Pin	P1	HDR1X2	Header 2	1
N-Channel mosfet	N-Channel 100V 22A (Tc) 85W (Tc) Through Hole TO-220AB	Q1, Q2	TO254P1052X465X198 9-3	IRF540	2
1k	(MFR-25FBF52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwiderts and Axial Metal Film	R1, R2, R3, R4, R5, R6	RESAD1100W55L680D 260	Resistor (0.25W)	6
NRF24L01P-MODULE- PCB	- Transceiver For Use With nRF24L01+	U	XCVR_NRF24L01P- MODULE-PCB	NRF24L01P-MODULE- PCB	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	DIP794W46P254L2967 H457Q28B	ATMEGA328P-PU	1
16MHz	CRYSTAL T/H	Y1	XTAL_ECS-160-20-4X	Crystal oscilator	1