





Comment	Description	Designator	Footprint	LibRef	Quantity
Push button		B1	SW_TS02-66-95-BK-260-LCR-D	Push button	1
AI-1223-TWT-12V-R	ELECTRO-MECHANICAL AUDIO INDICATOR	Bz1	XDCR_AI-1223-TWT-12V-R	Buzzer	1
1000uF	FS-A	C1	CAPPRD500W50D500H1100	Electrolytic capacitor	1
10uF	FS-A	C2	CAPPRD500W50D500H1100	Electrolytic capacitor	1
100nF	2200 pF $\pm 10\%$ 250V Ceramic Capacitor X7R Radial	C3	CAPRB500W50L450T300H550	Ceramic capacitor	1
100uF	FS-A	C4, C5	CAPPRD500W50D500H1100	Electrolytic capacitor	2
22pF	2200 pF $\pm 10\%$ 250V Ceramic Capacitor X7R Radial	C6, C7	CAPRB500W50L450T300H550	Ceramic capacitor	2
1N4007	Diode Switching 1KV 1A 2-Pin DO-41	D1, D3, D5	DIOAD1060W80L520D270	1N4007	3
L08R5000Q1	LED, Orange, Through Hole, T-1 3/4 (5mm), 30 mA, 2.1 V, 635 nm	D2	LEDRD254W57D500H1070	LED	1
5V	Zener Diode 16V 1W $\pm 5\%$ Through Hole DO-204AL (DO-41)	D4, D6	DIOAD1060W70L435D230	Zenner diode	2
691111710002	2 Position Wire to Board Terminal Block Horizontal with Board 0.197 _5.00mm_ Through Hole	J1, J3, J4	691111710002	Terminal Block - 2Pins	3
Header 4	4 Position Header Connector Through Hole	J2	SULLINS_PPTC041LFB N-RC	Female header - 4Pins	1
Header 12	Header, 12-Pin	P1	HDR1X12	Header 12	1
1k	(MFR-25F52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwidertand Axial Metal Film	R1, R4, R7	RESAD1100W55L680D260	Resistor (0.25W)	3
220	(MFR-25F52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwidertand Axial Metal Film	R2	RESAD1100W55L680D260	Resistor (0.25W)	1
10k	(3306F-1-105) 1 MOhms 0.2W, 1/5W PC Pins Through Hole Trimmer Potentiometer Cermet 1 Turn Top Adjustment	R3	TRIM_3306F-1-105	Potentiometer1	1
100	(MFR-25F52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwidertand Axial Metal Film	R5	RESAD1100W55L680D260	Resistor (0.25W)	1
10k	(MFR-25F52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwidertand Axial Metal Film	R6	RESAD1100W55L680D260	Resistor (0.25W)	1
LM78__		U1	TO255P1020X450X1968-3	LM78__	1
ATMEGA328P-PU	ATmega Series 20 MHz 32 KB Flash 2 KB SRAM 8-Bit Microcontroller - DIP-28	U2	DIP794W46P254L2967H457Q28B	ATMEGA328P-PU	1
16MHz	CRYSTAL T/H	Y1	XTAL_ECS-160-20-4X	Crystal oscillator	1