



Comment	Description	Designator	Footprint	LibRef	Quantity
AI-1223-TWT-12V-R	ELECTRO- MECHANICAL AUDIO	Bz1	XDCR_AI-1223-TWT- 12V-R	Buzzer	
100nF	INDICATOR 2200 pF ű10% 250V Ceramic Capacitor	C1	CAPRB500W50L450T3	Ceramic capacitor	
	X7R Radial		00H550 CAPPRD500W50D500		
10uF	FS-A	C2	H1100 CAPPRD500W50D500	Electrolytic capacitor	
2200uF	FS-A	C3	H1100	Electrolytic capacitor	
2200uF	Cap Aluminum 33uF 400V 20% (16 X 25mm) Radial Aluminum Cylindrical Can 7.5mm 275mA 2000 hr 85ŰC Bulk	C4	CAPPRD750W80D160 0H2500	Capacitor (16 x 25mm)	
22pF	2200 pF ű10% 250V Ceramic Capacitor X7R Radial	C5, C6	CAPRB500W50L450T3 00H550	Ceramic capacitor	:
1N 4007	Diode Switching 1KV 1A 2-Pin DO-41	D1, D2, D3, D6, D7, D9, D10	DIOAD1060W80L520D 270	1N4007	
L08R5000Q1	LED, Orange, Through Hole, T-1 3/4 (5mm), 30 mA, 2.1 V, 635 nm	D4, D11, D12, D13	LEDRD254W57D500H1 070	LED	
1N5404	Diode Standard 400 V 3A Through Hole DO- 201AD	D5	DIOAD1990W125L900 D530	Schrotic diode	
1N4745A	Zener Diode 16V 1W ű5% Through Hole DO-204AL (DO-41)	D8	DIOAD1060W70L435D 230	Zenner diode	
TBlock 2	2 Position Wire to Board Terminal Block Horizontal with Board 0.197 _5.00mm_Through Hole	J1	691111710002	Terminal Block - 2Pins	
Header 4	4 Position Header Connector Through Hole	J2	SULLINS_PPTC041LFB N-RC	Female header - 4Pins	
TBlock 3	3 Position Wire to Board Terminal Block Horizontal with Board 0.138 (3.50mm) Through Hole	13, 14, 15	691214110003	Terminal blocks - 3Pins (Small)	:
JQC-3F-1C-24VDC	Miniature PCB Relay 24VDC, 10A 250VAC, 15A 125VAC, 10A 250VAC	K1, K2, K3, K4, K5, K6	RELAY_JQC-3F-1C- 24VDC	Relay (Standard)	
Header 3	Header, 3-Pin	P1, P2	HDR1X3	Header 3	
BC547	C337- 16%20A1/Taiwan%20 Semiconductor/view- part?ref=eda">Check availability <a href="https://pricing-
snapeda.com/parts/B
C337-
16%20A1/Taiwan%20
Semiconductor/view-
part?ref=eda">Check availability /a>	Q1, Q2, Q3, Q4, Q5, Q6	TO92250P510H770-3	BC547B	
10k	(MFR-25FBF52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwiders tand Axial Metal Film	R1, R2, R6	RESAD1100W55L680D 260	Resistor (0.25W)	
1k5	(MFR-25FBF52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwiders tand Axial Metal Film	R3	RESAD1100W55L680D 260	Resistor (0.25W)	
dk7	(MFR-25FBF52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwiders tand Axial Metal Film	R4, R5	RESAD1100W55L680D 260	Resistor (0.25W)	
5M2	(MFR-25FBF52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwiders tand Axial Metal Film	R7, R11	RESAD1100W55L680D 260	Resistor (0.25W)	
130k	(MFR-25FBF52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwiders tand Axial Metal Film	R8	RESAD1100W55L680D 260	Resistor (0.25W)	
100	(MFR-25FBF52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwiders tand Axial Metal Film	R12	RESAD1100W55L680D 260	Resistor (0.25W)	
220	(MFR-25FBF52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwiders tand Axial Metal Film	R13, R14, R15	RESAD1100W55L680D 260	Resistor (0.25W)	
7.000055	Pushbutton Switch DPDT Standard Through Hole	S1	SW_TL2203EE	Switch button	
IL22U3EE					. — —
TL2203EE ATMEGA328P-PU	ATmega Series 20 MHz 32 KB Flash 2 KB SRAM 8-Bit Microcontroller - DIP- 28	U1	DIP794W46P254L2967 H457Q28B TO255P1020X450X196	ATMEGA320P-PU	