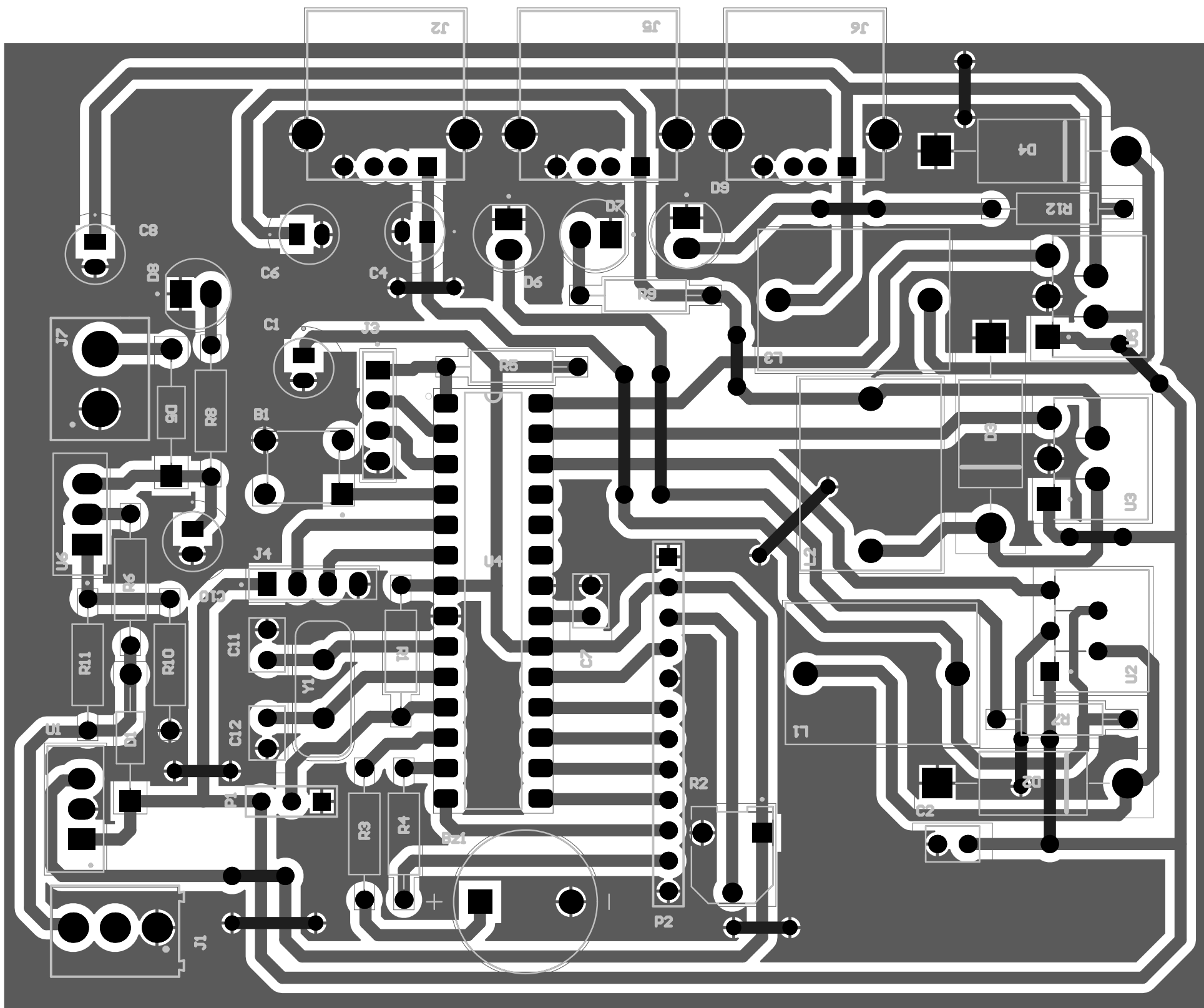


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Comment	Description	Designator	Footprint	LibRef	Quantity
Push button		B1	SW_T502-66-95-8K-260-LCR-D	Push button	1
AI-1223-TWT-12V-R	ELECTRO-MECHANICAL AUDIO INDICATOR	Bx1	XDOR_AI-1223-TWT-12V-R	Buzzer	1
10uF	FS-A	C1	CAPPRD500W50D500H1100	Electrolytic capacitor	1
100nF	2200 pF \pm 10% 250V Ceramic Capacitor X7R Radial	C2, C7	CAPRB500W50L450T300H550	Ceramic capacitor	2
680 uF	FS-A	C4, C6, C8	CAPPRD500W50D500H1100	Electrolytic capacitor	3
100uF	FS-A	C10	CAPPRD500W50D500H1100	Electrolytic capacitor	1
22pF	2200 pF \pm 10% 250V Ceramic Capacitor X7R Radial	C11, C12	CAPRB500W50L450T300H550	Ceramic capacitor	2
1N4745A	Zener Diode 16V 1W \pm 5% Through Hole DO-204AL (DO-41)	D1, D5	DIOAD10K0W70L435D230	Zenner diode	2
1N5404	Diode Standard 400V 3A Through Hole DO-201AD	D2, D3, D4	DIOAD1190W125L900D530	Schroctic diode	3
L08R5000Q1	LED, Orange, Through Hole, T-1 3/4 (5mm), 30 mA, 2.1 V, 635 nm	D6, D7, D8, D9	LEDRD254W570D500H1070	LED	4
TBlock3	3 Position Wire to Board Terminal Block Horizontal with Board 0.138 (3.50mm) Through Hole	J1	691214110003	Terminal blocks - 3Pins (Small)	1
USB-A1HSW6	USB - A Receptacle Connector 4 Position Through Hole, Right Angle	J2, J5, J6	OST_USB-A1HSW6	USB-A	3
Header 4	4 Position Header Connector Through Hole	J3, J4	SULLINS_PPTC041LFB-N-RC	Female header - 4Pins	2
TBlock 2	2 Position Wire to Board Terminal Block Horizontal with Board 0.197 5.00mm Through Hole	J7	691111710002	Terminal Block - 2Pins	1
100uH	INDUCTOR 3.6uH \pm 8% 1ADC ROD CORE/FIRCH-3 REV D	L1, L2, L3	IND_FIRCH-3	Inductor	3
Header 3	Header, 3-Pin	P1	HDR1X3	Header 3	1
Header 12	Header, 12-Pin	P2	HDR1X12	Header 12	1
10k	(MFR:25FBF52-10K) 10.2 kOhm \pm 1% 0.25W, 1/4W Durchbohrlochwidens tand Axial Metal Film	R1, R5	RESAD1100W55L680D260	Resistor (0.25W)	2
10k	(330kF-1-105) 1 MOHms 0.2W, 1/5W PC Pins Through Hole Trimmer Potentiometer Cermet 1 Turn Top Adjustment	R2	TRIM_330kF-1-105	Potentiometer1	1
100	(MFR:25FBF52-10K) 10.2 kOhm \pm 1% 0.25W, 1/4W Durchbohrlochwidens tand Axial Metal Film	R3	RESAD1100W55L680D260	Resistor (0.25W)	1
220	(MFR:25FBF52-10K) 10.2 kOhm \pm 1% 0.25W, 1/4W Durchbohrlochwidens tand Axial Metal Film	R4	RESAD1100W55L680D260	Resistor (0.25W)	1
392	(MFR:25FBF52-10K) 10.2 kOhm \pm 1% 0.25W, 1/4W Durchbohrlochwidens tand Axial Metal Film	R6	RESAD1100W55L680D260	Resistor (0.25W)	1
330	(MFR:25FBF52-10K) 10.2 kOhm \pm 1% 0.25W, 1/4W Durchbohrlochwidens tand Axial Metal Film	R7, R9, R12	RESAD1100W55L680D260	Resistor (0.25W)	3
1k	(MFR:25FBF52-10K) 10.2 kOhm \pm 1% 0.25W, 1/4W Durchbohrlochwidens tand Axial Metal Film	R8	RESAD1100W55L680D260	Resistor (0.25W)	1
2k4	(MFR:25FBF52-10K) 10.2 kOhm \pm 1% 0.25W, 1/4W Durchbohrlochwidens tand Axial Metal Film	R10	RESAD1100W55L680D260	Resistor (0.25W)	1
240	(MFR:25FBF52-10K) 10.2 kOhm \pm 1% 0.25W, 1/4W Durchbohrlochwidens tand Axial Metal Film	R11	RESAD1100W55L680D260	Resistor (0.25W)	1
LM7805		U1	TO254P1054X470X195S-3	LM7805	1
LMC5967		U2, U3, U5	TO170P1016X470X209Z-5	LMC5967	3
ATMEGA328P-PU	ATmega Series 20 MHz 32 KB Flash 2 KB SRAM 8-Bit Microcontroller - DIP-28	U4	DIP794W46P25L42967H4570288	ATMEGA328P-PU	1
LM317		U6	TO255P1020X450X194S-3	LD1117V33	1
16MHz	CRYSTAL T/H	Y1	XTAL_FCS-160-20-4X	Crystal oscillator	1