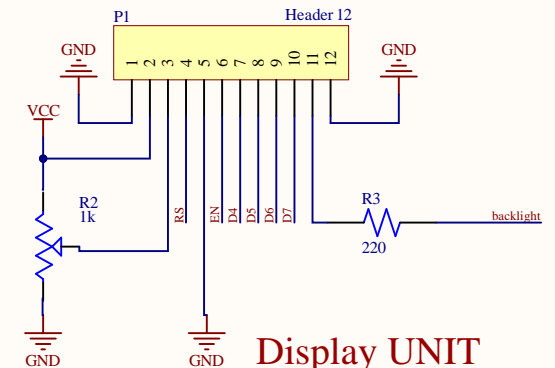
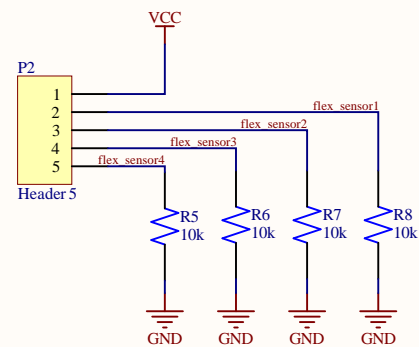


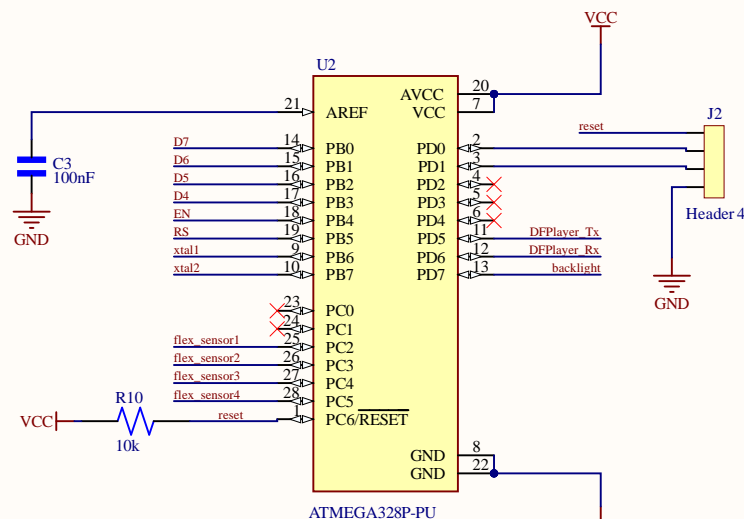
Power Supply UNIT



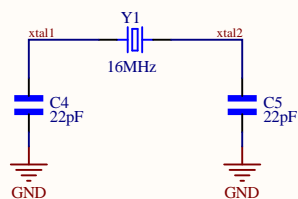
Display UNIT



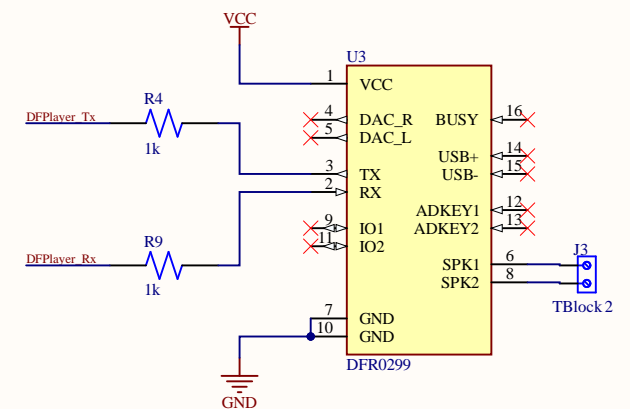
Flex connector



Control UNIT

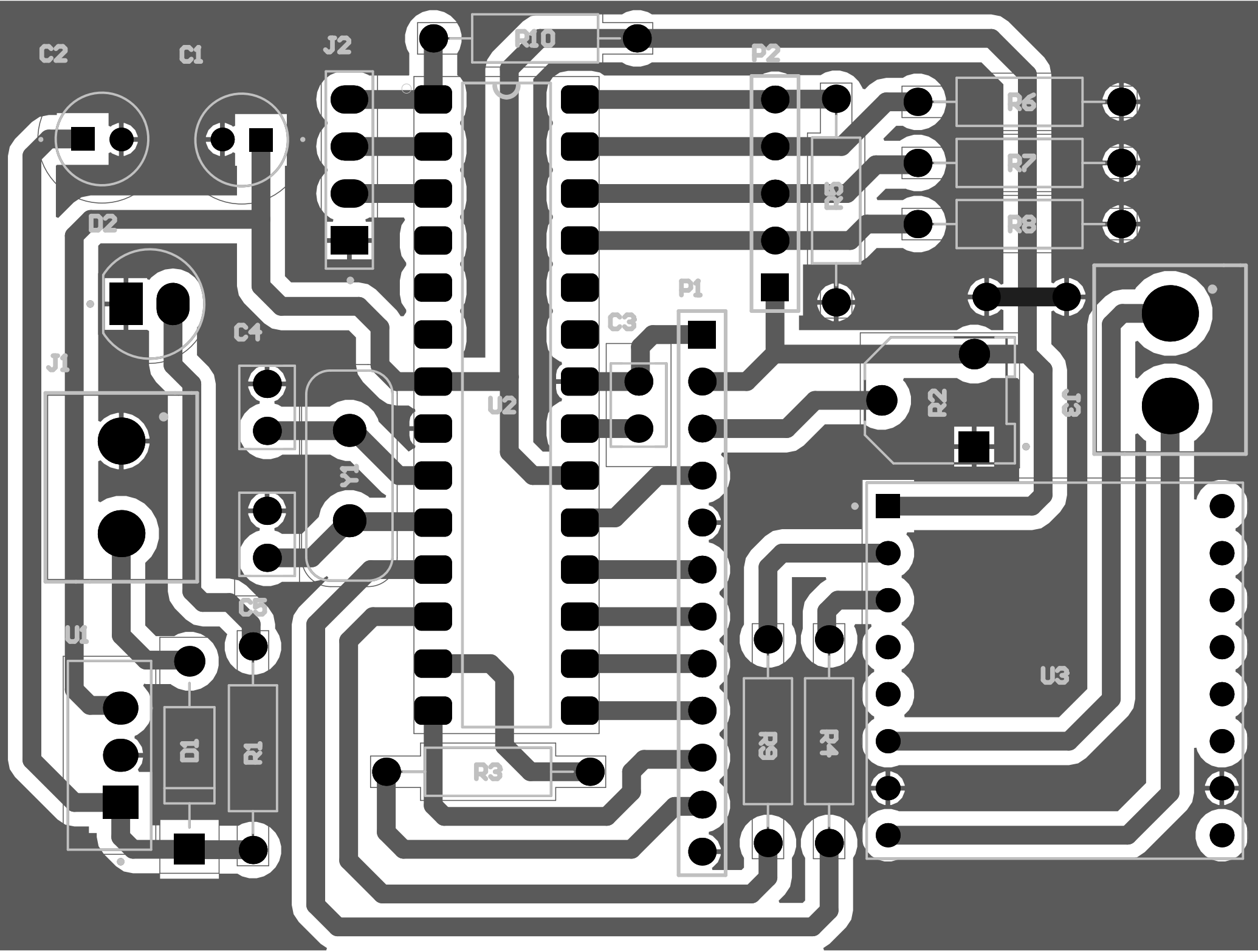


Crystal oscillator



Media Player

Title		
Size A4	Number	Revision
Date:	5-06-2023	Sheet of
File:	V:\Office\...\schematic.SchDoc	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
10uF	FS-A	C1	CAPPRD500W50D500 H1100	Electrolytic capacitor	1
100uF	FS-A	C2	CAPPRD500W50D500 H1100	Electrolytic capacitor	1
100nF	2200 pF Â±10% 250V Ceramic Capacitor X7R Radial	C3	CAPRB500W50L450T3 00H550	Ceramic capacitor	1
22pF	2200 pF Â±10% 250V Ceramic Capacitor X7R Radial	C4, C5	CAPRB500W50L450T3 00H550	Ceramic capacitor	2
1N4007	Diode Switching 1KV 1A 2-Pin DO-41	D1	D1OAD1060W80L520D 270	1N4007	1
L08R5000Q1	LED, Orange, Through Hole, T-1 3/4 (5mm), 30 mA, 2.1 V, 635 nm	D2	LEDRD254W57D500H1 070	LED	1
TBlock 2	2 Position Wire to Board Terminal Block Horizontal with Board 0.197 _5.00mm_ Through Hole	J1, J3	691111710002	Terminal Block - 2Pins	2
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
Header 5	Header, 5-Pin	P2	HDR1X5	Header 5	1
1k	(MFR-25FBF52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwidens tand Axial Metal Film	R1, R4, R9	RESAD1100W55L680D 260	Resistor (0.25W)	3
1k	(3306F-1-105) 1 MOhms 0.2W, 1/5W PC Pins Through Hole Trimmer Potentiometer Cermet 1 Turn Top Adjustment	R2	TRIM_3306F-1-105	Potentiometer1	1
220	(MFR-25FBF52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwidens tand Axial Metal Film	R3	RESAD1100W55L680D 260	Resistor (0.25W)	1
10k	(MFR-25FBF52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwidens tand Axial Metal Film	R5, R6, R7, R8, R10	RESAD1100W55L680D 260	Resistor (0.25W)	5
LM7805		U1	TO255P1020X450X196 8-3	LM78__	1
ATMEGA328P-PU	ATmega Series 20 MHz 32 KB Flash 2 KB SRAM 8-Bit Microcontroller - DIP- 28	U2	DIP794W46P254L2967 H457Q28B	ATMEGA328P-PU	1
DFR0299	Dfplayer - a Mini Mp3 Player	U3	MODULE_DFR0299	DFPlayer	1
16MHz	CRYSTAL T/H	Y1	XTAL_ECS-160-20-4X	Crystal oscilator	1