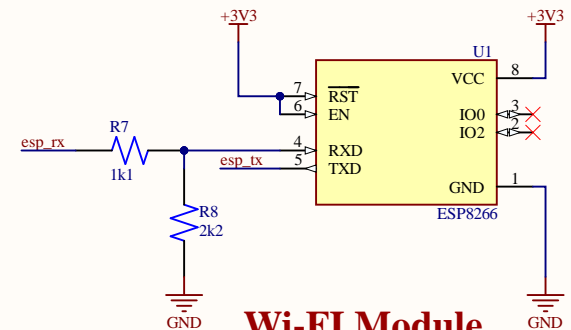
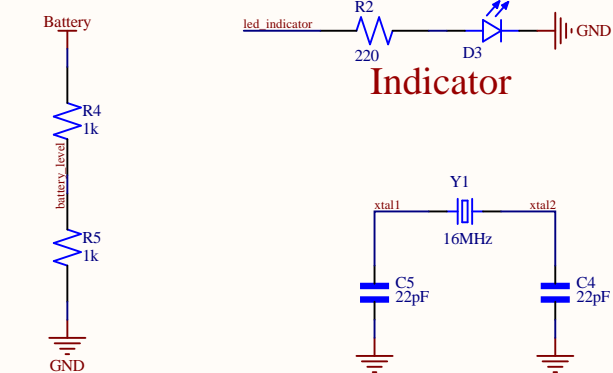


Power supply UNIT

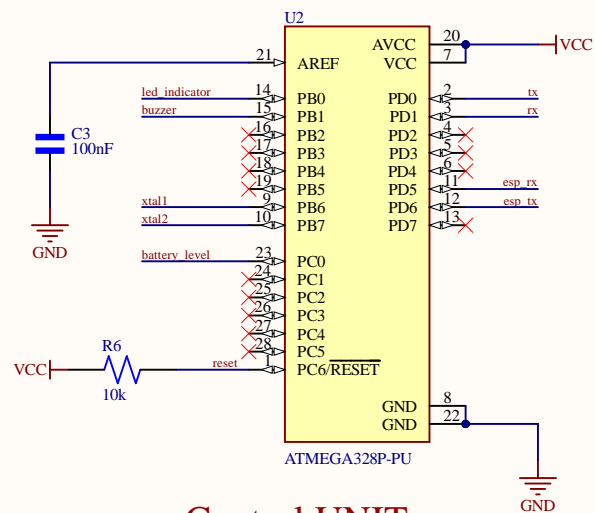


Wi-Fi Module

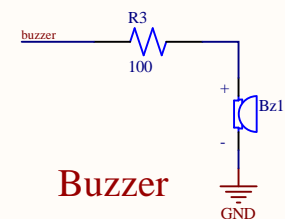


Battery meter

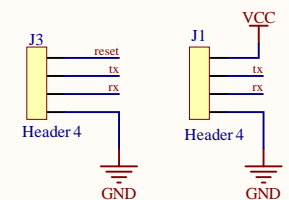
Oscillator



Control UNIT

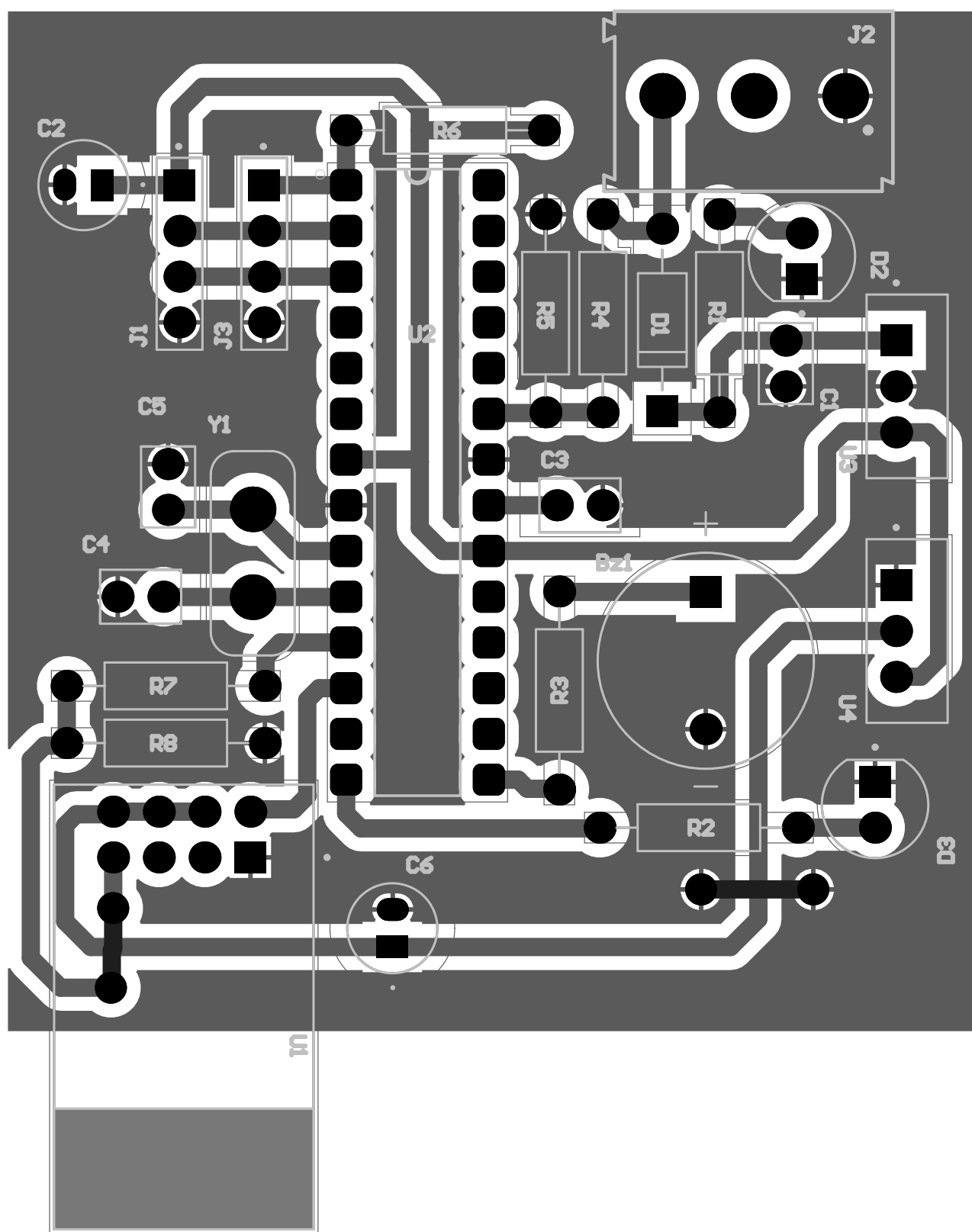


Buzzer



Connectors

Title		
Size	Number	Revision
A4		
Date:	5-17-2023	Sheet of
File:	V:\Office\...\schematic.SchDoc	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
AI-1223-TWT-12V-R	ELECTRO-MECHANICAL AUDIO INDICATOR	Bz1	XDCR_AI-1223-TWT-12V-R	Buzzer	1
100nF	2200 pF $\pm 10\%$ 250V Ceramic Capacitor X7R Radial	C1, C3	CAPRB500W50L450T3 00H550	Ceramic capacitor	2
10uF	FS-A	C2, C6	CAPPRD500W50D500 H1100	Electrolytic capacitor	2
22pF	2200 pF $\pm 10\%$ 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, D3	LEDRD254W57D500H1 070	LED	2
Header 4	4 Position Header Connector Through Hole	J1, J3	SULLINS_PPTC041LFB N-RC	Female header - 4Pins	2
TBlock 3	5.08 MM TERMINAL BLOCK	J2	Terminal block - 3Pins	3Pins Terminal block	1
1k	(MFR-25FBF52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwidertand Axial Metal Film	R1, R4, R5	RESAD1100W55L680D 260	Resistor (0.25W)	3
220	(MFR-25FBF52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwidertand Axial Metal Film	R2	RESAD1100W55L680D 260	Resistor (0.25W)	1
100	(MFR-25FBF52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwidertand Axial Metal Film	R3	RESAD1100W55L680D 260	Resistor (0.25W)	1
10k	(MFR-25FBF52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwidertand Axial Metal Film	R6	RESAD1100W55L680D 260	Resistor (0.25W)	1
1k1	(MFR-25FBF52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwidertand Axial Metal Film	R7	RESAD1100W55L680D 260	Resistor (0.25W)	1
2k2	(MFR-25FBF52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwidertand Axial Metal Film	R8	RESAD1100W55L680D 260	Resistor (0.25W)	1
ESP8266	MakerFocus 4pcs ESP8266 ESP-01 Serial Wireless WIFI Transceiver Receiver Module 1MB SPI Flash DC3.0-3.6V Internet of Things WIFI Module Board Compatible with Arduino	U1	XCVR_ESP8266-01/ESP-01	ESP8266-01 Module	1
ATMEGA328P-PU	ATmega Series 20 MHz 32 KB Flash 2 KB SRAM 8-Bit Microcontroller - DIP-28	U2	DIP794W46P254L2967 H457O28B	ATMEGA328P-PU	1
LM7805		U3	TO255P1020X450X196 8-3	LM78__	1
LD1117V33		U4	TO255P1020X450X196 8-3	LD1117V33	1
16MHz	CRYSTAL T/H	Y1	XTAL_ECS-160-20-4X	Crystal oscillator	1