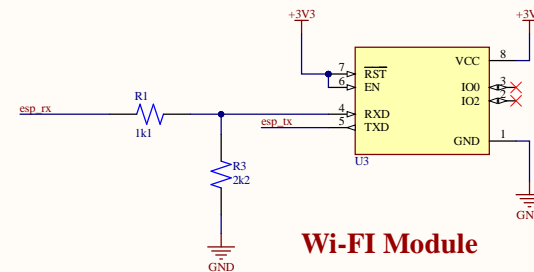
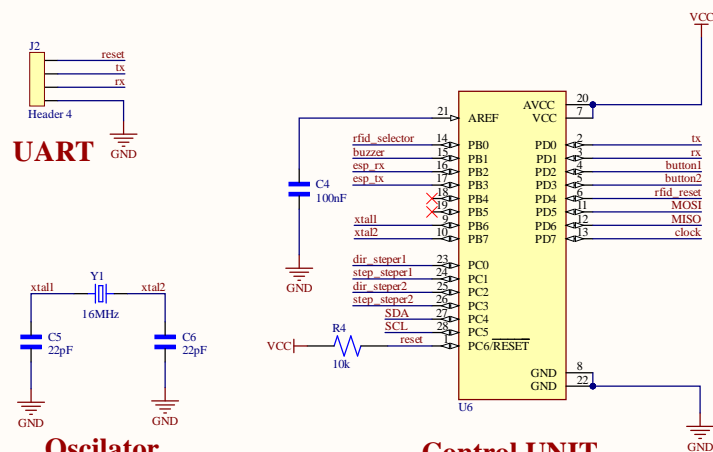


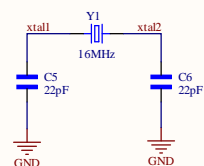
Power supply UNIT



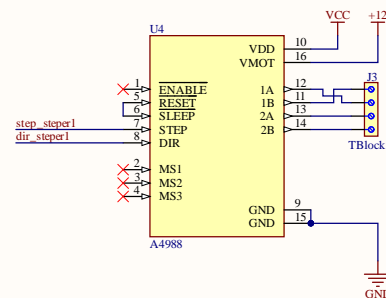
Wi-Fi Module



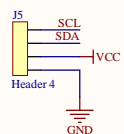
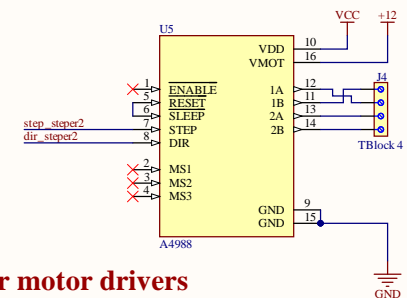
Control UNIT



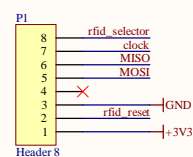
Oscillator



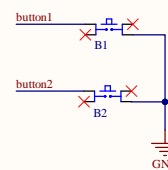
Stepper motor drivers



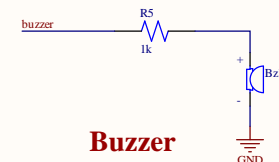
LCD



RFID Module

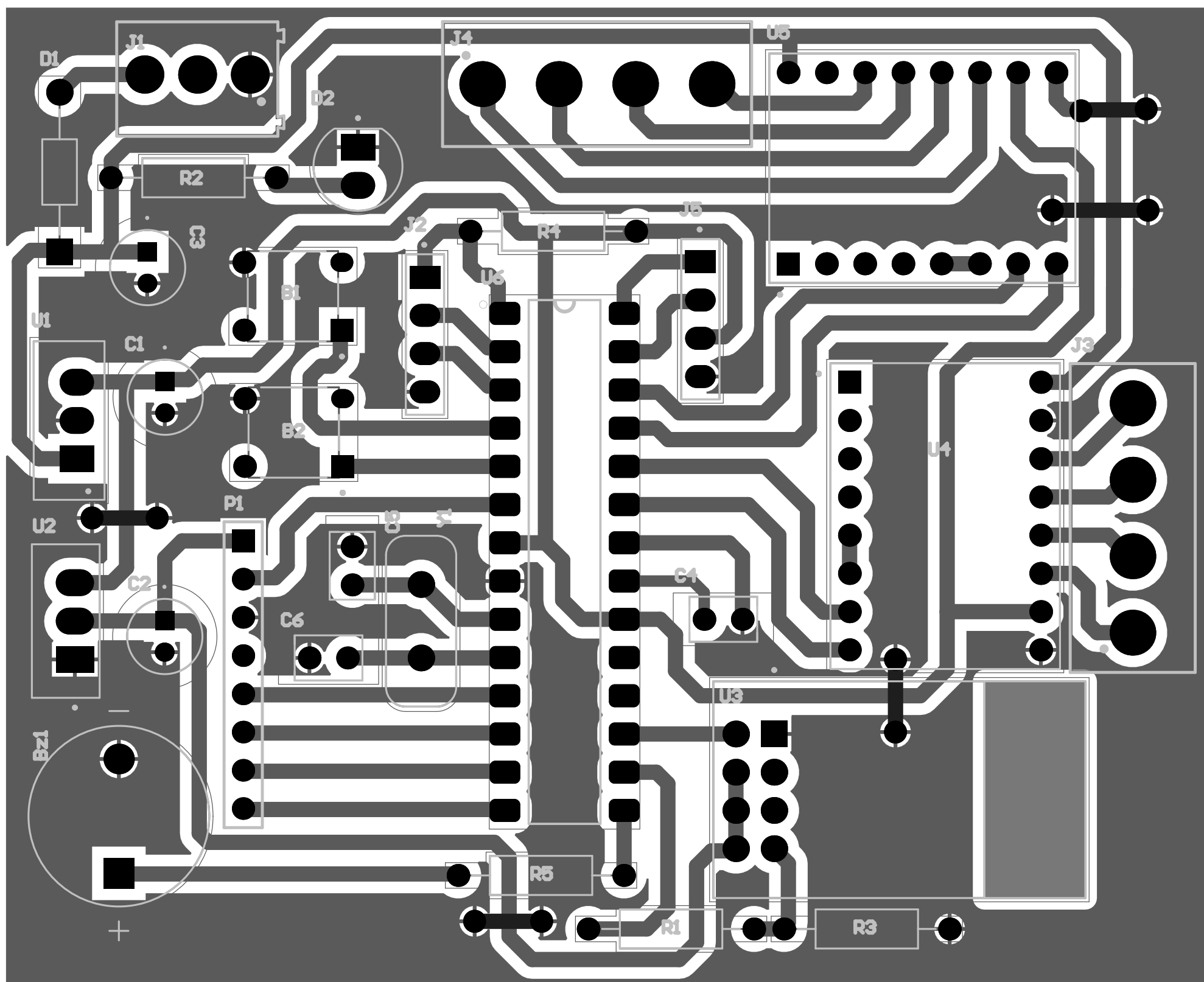


Selection BTNs



Buzzer

Title		
Size A3	Number	Revision
Date 5-14-2023	Sheet of	
File V:\Office\...schematic.SchDoc	Drawn By:	



Comment	Description	Designator	Footprint	LibRef	Quantity
Push button		B1, B2	SW_T502-66-95-BK-260-LCR-D	Push button	2
AI-1223-TWT-12V-R	ELECTRO-MECHANICAL AUDIO INDICATOR	Bx1	XDGR_AI-1223-TWT-12V-R	Buzzer	1
10uF	FS-A	C1, C2	CAPPRD500W50D500H1100	Electrolytic capacitor	2
1000uF	FS-A	C3	CAPPRD500W50D500H1100	Electrolytic capacitor	1
100nF	2200 pF \pm 10% 250V Ceramic Capacitor XTR Radial	C4	CAPRB500W50L450T300H550	Ceramic capacitor	1
22pF	2200 pF \pm 10% 250V Ceramic Capacitor XTR Radial	C5, C6	CAPRB500W50L450T300H550	Ceramic capacitor	2
1N4745A	Zener Diode 16V 1W \pm 5% Through Hole (DO-204AL (DO-41)	D1	D1OAD1060W70L435D230	Zenner diode	1
L08R5000Q1	LED, Orange, Through Hole, 1-1 3/4 (5mm), 30 mA, 2.1 V, 635 nm	D2	LEDRD254W570D500H1070	LED	1
TBlock 3	3 Position Wire to Board Terminal Block Horizontal with Board 0.138 (3.50mm) Through Hole	J1	691214110003	Terminal blocks - 3Pins (Small)	1
Header 4	4 Position Header Connector Through Hole	J2, J5	SULLINS_PPTCD41LFB N-RC	Female header - 4Pins	2
TBlock 4	4 Position Header Connector Through Hole -b>PWR-BLK Serie 2415 - 5.08mm Horizontal Entry Modular w. Rising Cage Clamp -b>-b> KIND PROPERTIES -b>-b> Pitch 5.08 mm -b>-b> -b>MATERIAL PROPERTIES -b>-b>Insulator Material PA66 -b>Insulator Flammability Rating UL94 V-0 -b>Terminal Screw Material Steel -b>Terminal Screw Plating Zinc -b>Wire Guard Material Copper Alloy -b>-b> -b>GENERAL INFORMATION -b>-b>Operating Temperature -30 up to +90°C	J3, J4	691241510004	Terminal block - 4Pins	2
Header 8	Header, 8-Pin	P1	HDRTX8	Header 8	1
1k1	(MFR: 25FBF52-10K) 10.2 kOhm bei 1% 0.25W, 1/4W Durchbohrchlochwiders tand Axial Metal Film	R1	RESAD1100W55L680D260	Resistor (0.25W)	1
1k	(MFR: 25FBF52-10K) 10.2 kOhm bei 1% 0.25W, 1/4W Durchbohrchlochwiders tand Axial Metal Film	R2, R5	RESAD1100W55L680D260	Resistor (0.25W)	2
2k2	(MFR: 25FBF52-10K) 10.2 kOhm bei 1% 0.25W, 1/4W Durchbohrchlochwiders tand Axial Metal Film	R3	RESAD1100W55L680D260	Resistor (0.25W)	1
10k	(MFR: 25FBF52-10K) 10.2 kOhm bei 1% 0.25W, 1/4W Durchbohrchlochwiders tand Axial Metal Film	R4	RESAD1100W55L680D260	Resistor (0.25W)	1
LM7805		U1	TO254P1054X470X1955-3	LM7805	1
LD1117V33		U2	TO255P1020X450X1968-3	LD1117V33	1
ESP8266-01/ESP-01	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 Ar duino	U3	XCVR_ESP8266-01/ESP-01	ESP8266-01 Module	1
A4988	Stepper motor controller; IC: A4988; 1A; Un mot: 8A; 35V	U4, U5	MODULE_A4988_STEP PER_MOTOR_DRIVER CARRIER	A4988_STEPPER_MOT OR_DRIVER_CARRIER	2
ATMEGA328P-PU	ATmega Series 20 MHz 32 KB Flash 2 KB SRAM 8-Bit Microcontroller - DIP-28	U6	DIP794W46P254L2967H457Q28B	ATMEGA328P-PU	1
16MHz	CRYSTAL T/H	Y1	XTAL_ECS-160-20-4X	Crystal oscillator	1