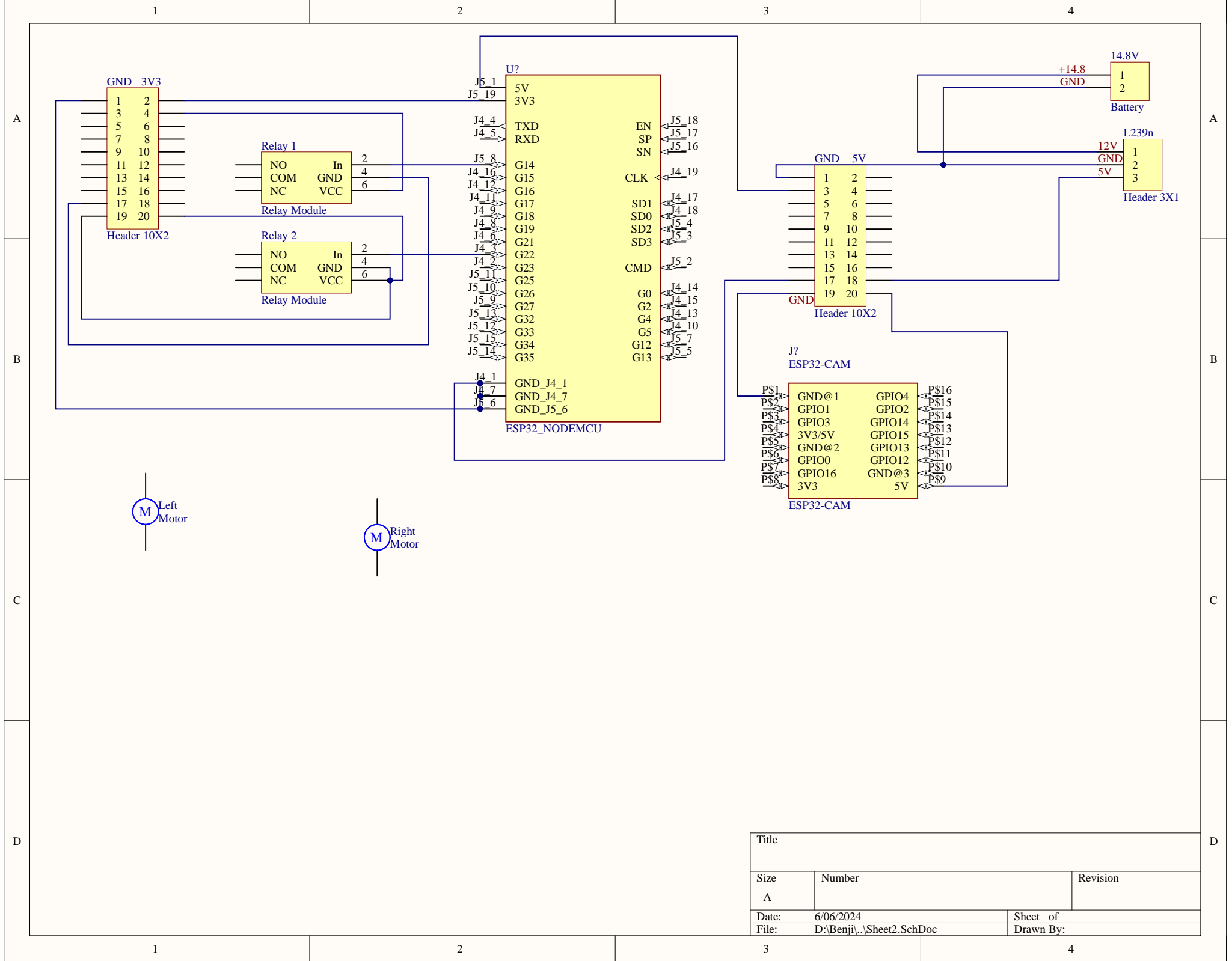
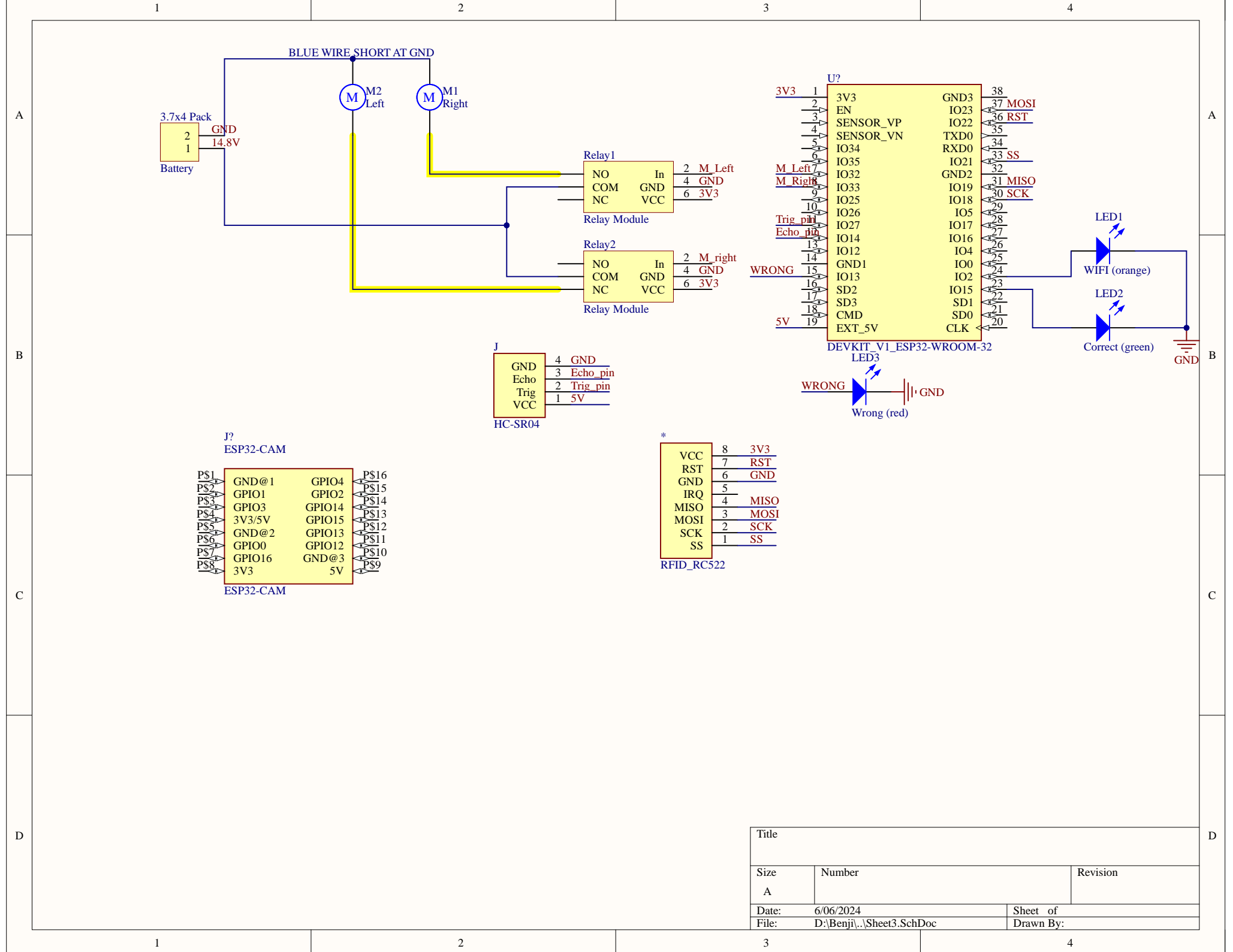


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File:	D:\Benji\...\Sheet1.SchDoc	Drawn By:



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File:	D:\Benji\...\Sheet2.SchDoc	Drawn By:



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Date:	6/06/2024	Sheet of
File:	D:\Benji\...\Sheet3.SchDoc	Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity
RFID_RC522				RFID_RC522	1
Battery	SOCKET 2POS .100" SINGL TIN	3.7x4 Pack, 14.8V	HDR1X2_R	Socket_2X1	2
Header 10X2	Header, 10-Pin, Dual row	GND 3V3, GND 5V	HDR2X10	Header 10X2	2
HC-SR04	TERMI-BLOK HEADER, ASSY90 4P.	J	TE_282822-4	HC-SR04	1
ESP32-CAM	ESP32 ESP32 Transceiver; 802.11 a/b/g/n (Wi-Fi, Wi-Fi, WLAN), Bluetooth® Smart 4.x Low Energy (BLE) Evaluation Board	J?	ESP32-CAM	ESP32-CAM	2
LED 0805 SMD	Green 571nm LED Indication - Discrete 2V 0805 (2012 Metric)	L1, L2, L3, L4, L5	LED 0805 SMD	LED 0805 SMD	5
Header 3X1	CONN HEADER 3POS .100" SINGL TIN	L239n	HDR1X3	Header 3X1	1
WIFI (orange)	Green 571nm LED Indication - Discrete 2V 0805 (2012 Metric)	LED1	LED 0805 SMD	LED 0805 SMD	1
Correct (green)	Green 571nm LED Indication - Discrete 2V 0805 (2012 Metric)	LED2	LED 0805 SMD	LED 0805 SMD	1
Wrong (red)	Green 571nm LED Indication - Discrete 2V 0805 (2012 Metric)	LED3	LED 0805 SMD	LED 0805 SMD	1
Motor	Motor, General Kind	Left, Right	RB5-10.5	Motor	2
Right	Motor, General Kind	M1	RB5-10.5	Motor	1
Left	Motor, General Kind	M2	RB5-10.5	Motor	1
Relay	CONN HEADER 3POS .100" SINGL TIN	R1, R2, R3, R4, R5	HDR1X3	Header 3X1	5
Relay Module	CONN HEADER 3POS .100" SINGL TIN	Relay1, Relay2, Relay 1, Relay 2	HDR3X2	Relay	4
BUTTON	Tactile Switches MINI PUSH BUTTON SWITCH 2-PIN QTY. 4	S1, S2, S3, S4, S5, S6	SW_BUTT-2 pin	BUTT-2	6
DEVKIT_V1_ESP32-WROOM-32	WROOM-32 Development Board ESP32 ESP-32S WiFi Bluetooth Dev Module	U?	MODULE_DEVKIT_V1_ESP32-WROOM-32	DEVKIT_V1_ESP32-WROOM-32	1
ESP32_NODEMCU	NodeMCU is an open source IoT platform. ESP32 is a series of low cost, low powersystem-on-chip (SoC) microcontrollers with integrated Wi-Fi & dual-mode Bluetooth.	U?	MODULE_ESP32_NODEMCU	ESP32_NODEMCU	1
ESP32-S3-DEVKITC-1-N8R2	WiFi Development Tools - 802.11 (Engineering Samples Only) ESP32-S3 General-Purpose Development Board, ESP32-S3-WROOM-1-N8R2, with Pin Header	U?	XCVR_ESP32-S3-DEVKITC-1-N8R2	ESP32-S3-DEVKITC-1-N8R2	1