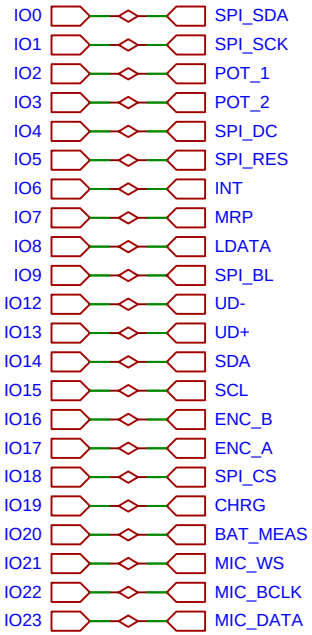
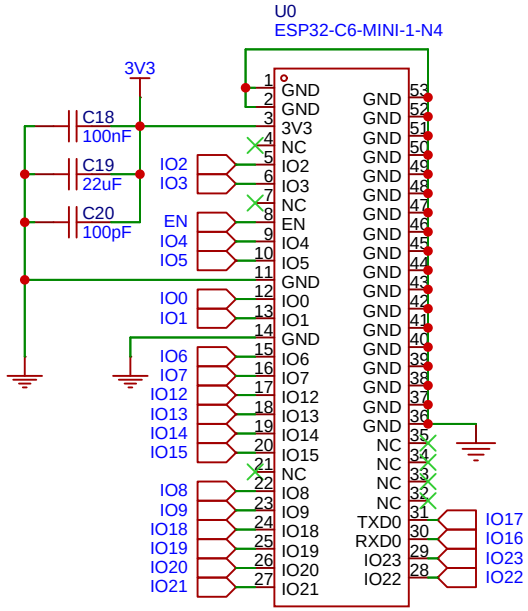
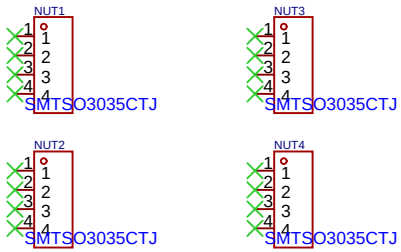
ESP32 IO LIST



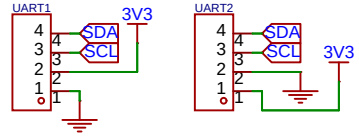
ESP32-C6



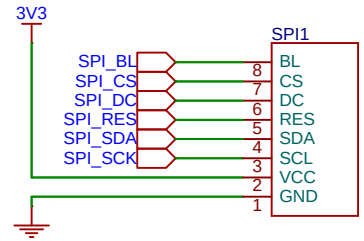
MOUNTING HARDWARE



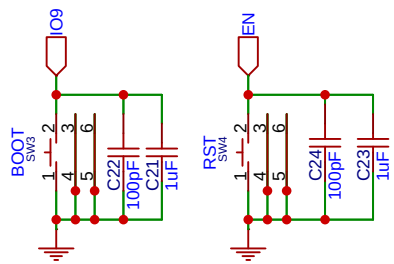
UART



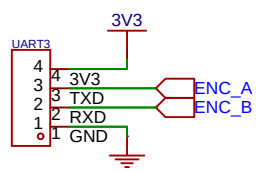
SPI



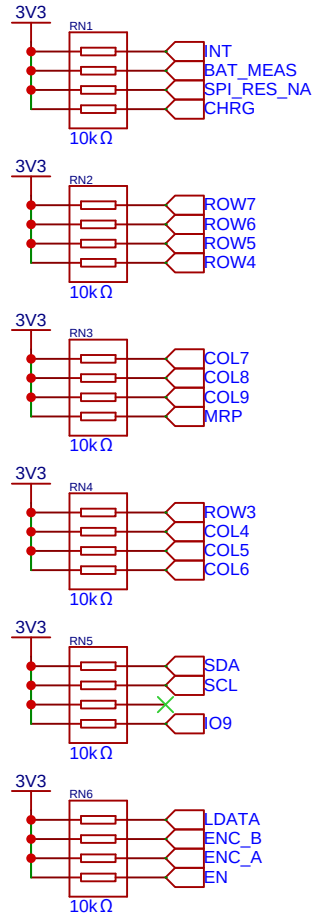
BOOT MODE IO



PROG



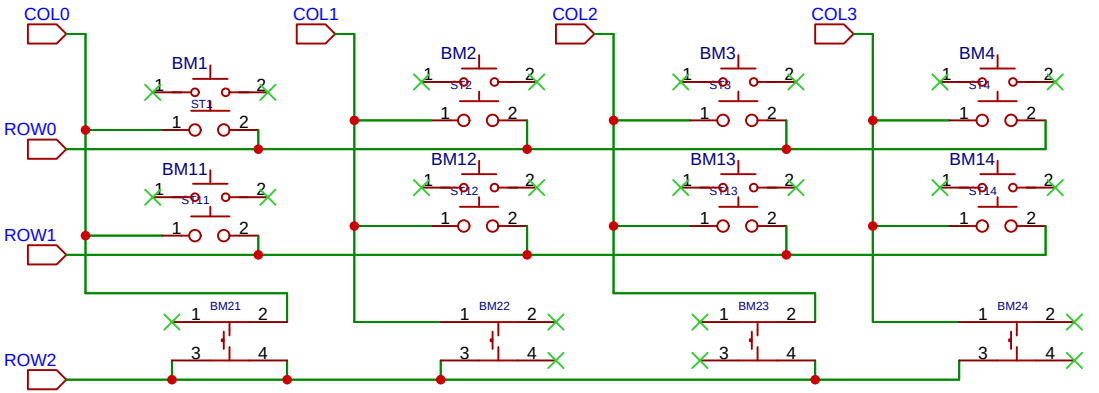
RESISTOR NETWORKS



Schematic	Macro keyboard + Wireless	Update Date	2024-08-01
		Create Date	2024-06-04
Page	ESP32	Part Number	ESP_MKB
Drawn	BK	ESP_MKB	
Reviewed	BK		
		VER / SIZE / PAGE	V0.1 / A4 / 1 OF 3
EasyEDA		BKDN	

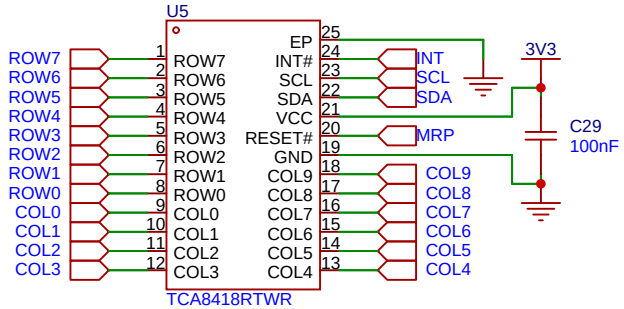
BUTTON MATRIX

BUTTONS ARE SHOWN UNCONNECTED IN SCHEMATIC.
HOT SWAPPABLE IN SOCKETS

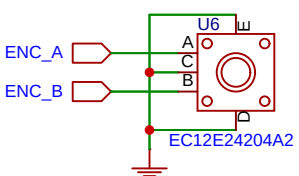


TCA8418 MATRIX IC

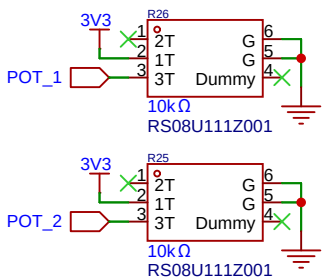
UNUSED ROWS AND COLUMNS ARE
CONNECTED THROUGH 10K PULLUPS ACC TO DATASHEET



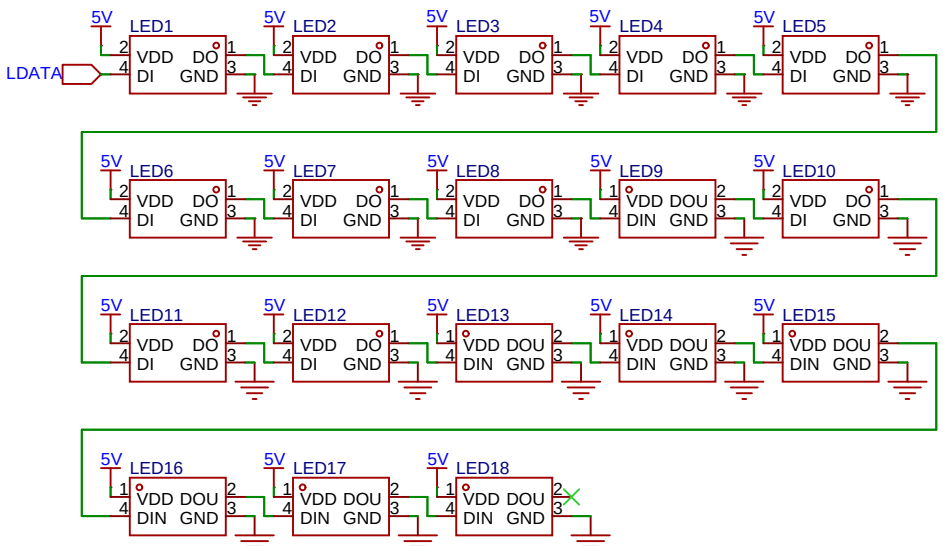
ENCODER



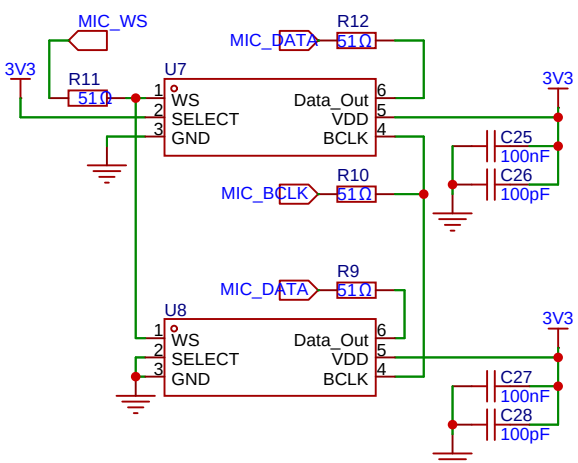
POTMETERS



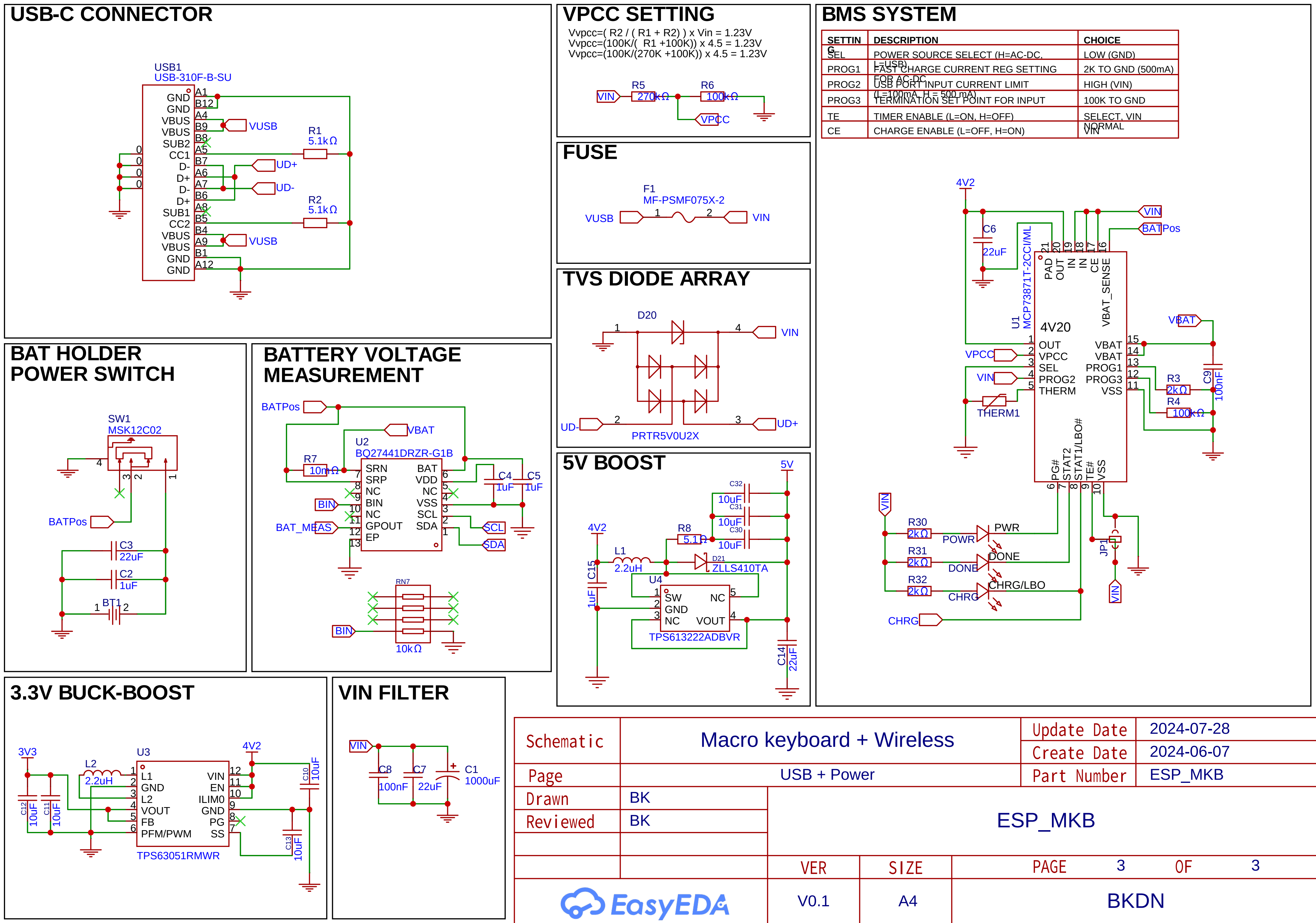
RGB LEDS



MEMS



Schematic	Macro keyboard + Wireless	Update Date	2024-08-04
		Create Date	2024-07-04
Page	IO	Part Number	JLCPCB-002
Drawn	EasyEDA	ESP_MKB	
Reviewed	EasyEDA		
		VER / SIZE / PAGE	V0.1 / A4 / 2 OF 3
EasyEDA		EasyEDA.com	



SETTING	DESCRIPTION	CHOICE
SEL	POWER SOURCE SELECT (H=AC-DC, L=USB)	LOW (GND)
PROG1	FAST CHARGE CURRENT REG SETTING FOR AC-DC	2K TO GND (500mA)
PROG2	USB PORT INPUT CURRENT LIMIT (L=100mA, H = 500 mA)	HIGH (VIN)
PROG3	TERMINATION SET POINT FOR INPUT	100K TO GND
TE	TIMER ENABLE (L=ON, H=OFF)	SELECT, VIN
CE	CHARGE ENABLE (L=OFF, H=ON)	NORMAL VIN

Schematic	Macro keyboard + Wireless	Update Date	2024-07-28
		Create Date	2024-06-07
Page	USB + Power	Part Number	ESP_MKB
Drawn	BK	ESP_MKB	
Reviewed	BK		
VER	SIZE	PAGE 3 OF 3	
V0.1	A4	BKDN	