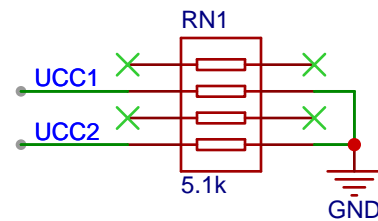
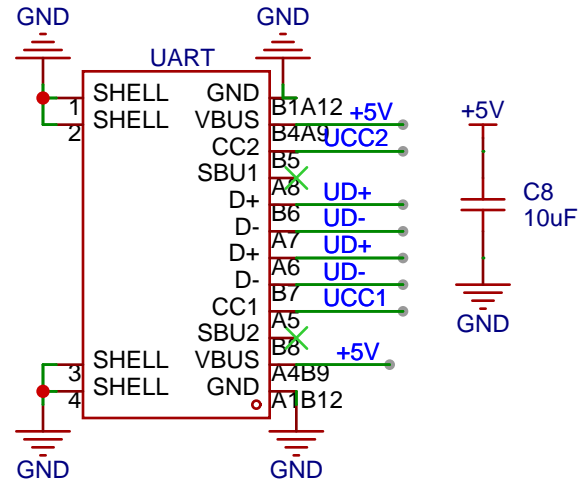
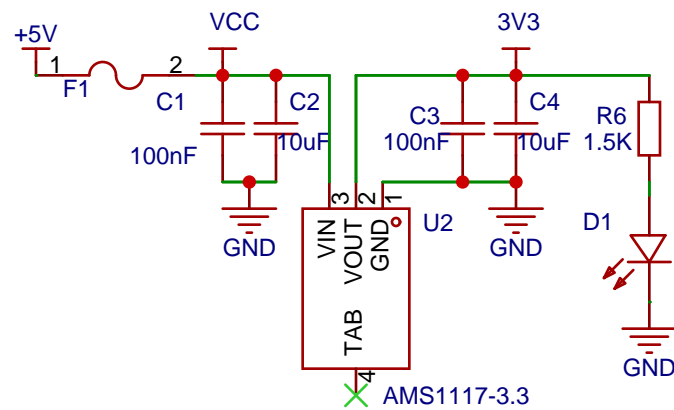


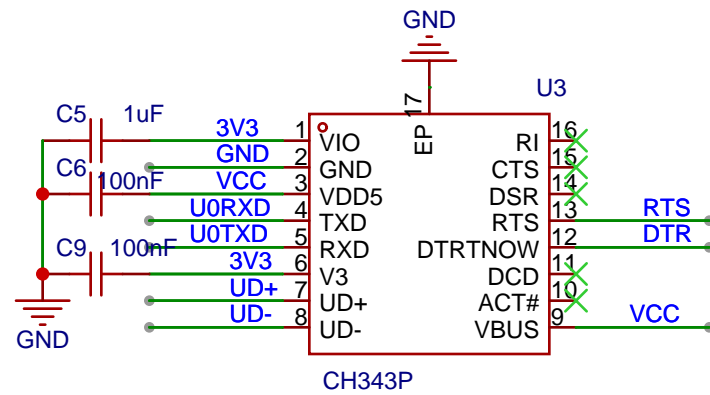
## UART/USB



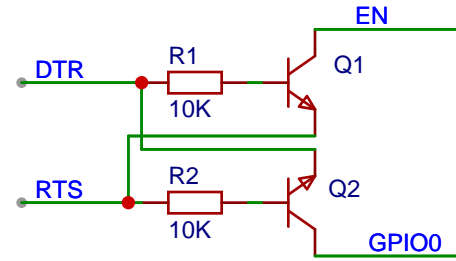
## 5V TO 3.3V



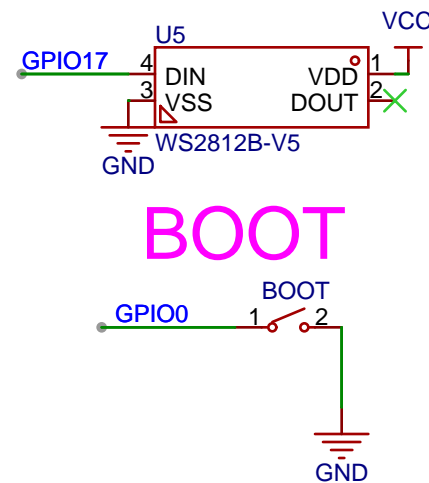
## CH340P



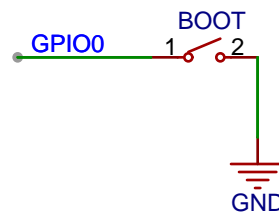
## AUTO Program



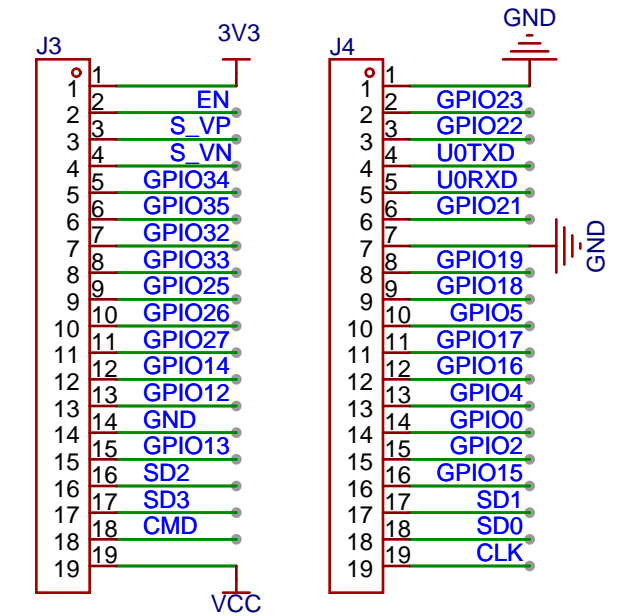
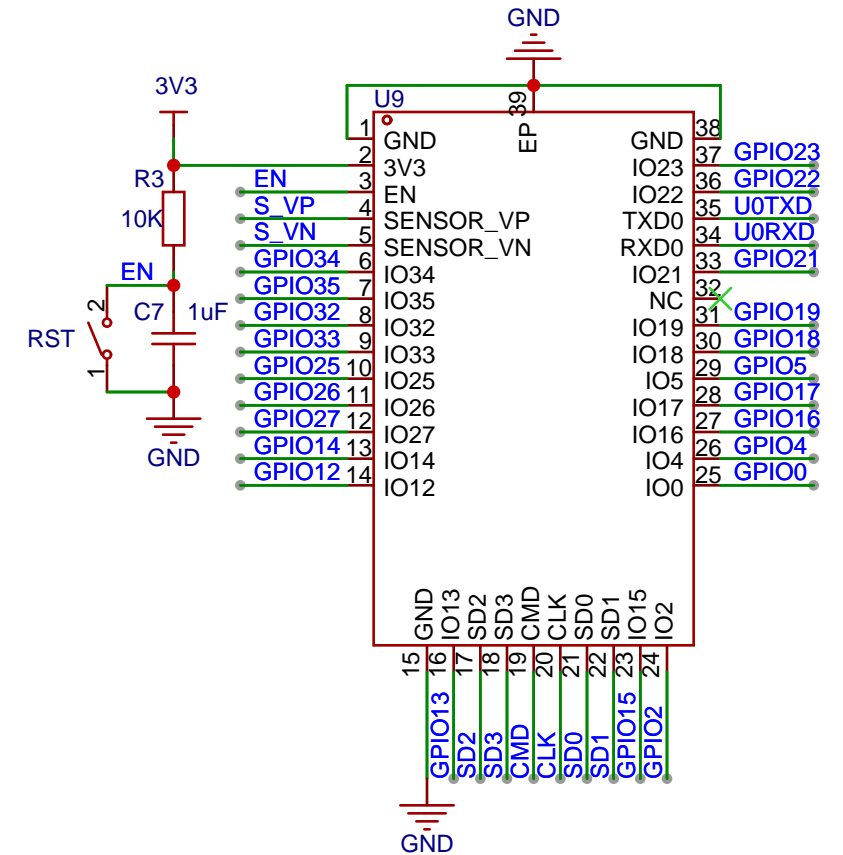
## RGB




## BOOT



## ESP32-WROOM-32



Schematic	SCH_ESP32			Update Date	2023-06-05
				Create Date	2023-04-07
Page	P1			Part Number	
Drawn	RY-ESP32-DevKitC				
Reviewed					
		VER	SIZE	PAGE	1 OF 1
嘉立创EDA		V1.0	A4	https://rymcu.com	



The image shows the front of a black PCB for the RyMCU ESP32-DevKitC v1.0. The board features a central white logo of a stylized fox head with the text "RYMCU" below it. Below the logo, the text "ESP32-DevKitC v1.0" and the website "www.rymcu.com" are printed. The board has two rows of 12 pins each, labeled with their functions. The left row includes GND, 23, 22, TxD, RxD, 21, GND, 19, 18, 5, 17, 16, 4, 0, 2, 15, SD1, SD0, and CLK. The right row includes 3V3, RST, VP, VN, 34, 35, 32, 33, 25, 26, 27, 14, 12, GND, 13, SD2, SD3, CMD, and 5V. The board also features two USB Type-C ports at the bottom, each with a small yellow LED indicator.

Pin	Function
1	GND
2	23
3	22
4	TxD
5	RxD
6	21
7	GND
8	19
9	18
10	5
11	17
12	16
13	4
14	0
15	2
16	15
17	SD1
18	SD0
19	CLK
20	3V3
21	RST
22	VP
23	VN
24	34
25	35
26	32
27	33
28	25
29	26
30	27
31	14
32	12
33	GND
34	13
35	SD2
36	SD3
37	CMD
38	5V

2.54mm = 100mil

