

1

2

3

4

5

6

A

A

B

B

C

C

D

D

GPU



File: gpu.kicad_sch

Media Controller



File: media.kicad_sch

Debugger



File: debugger.kicad_sch



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1

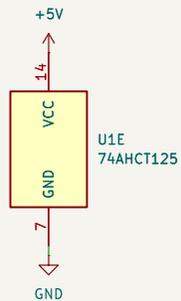
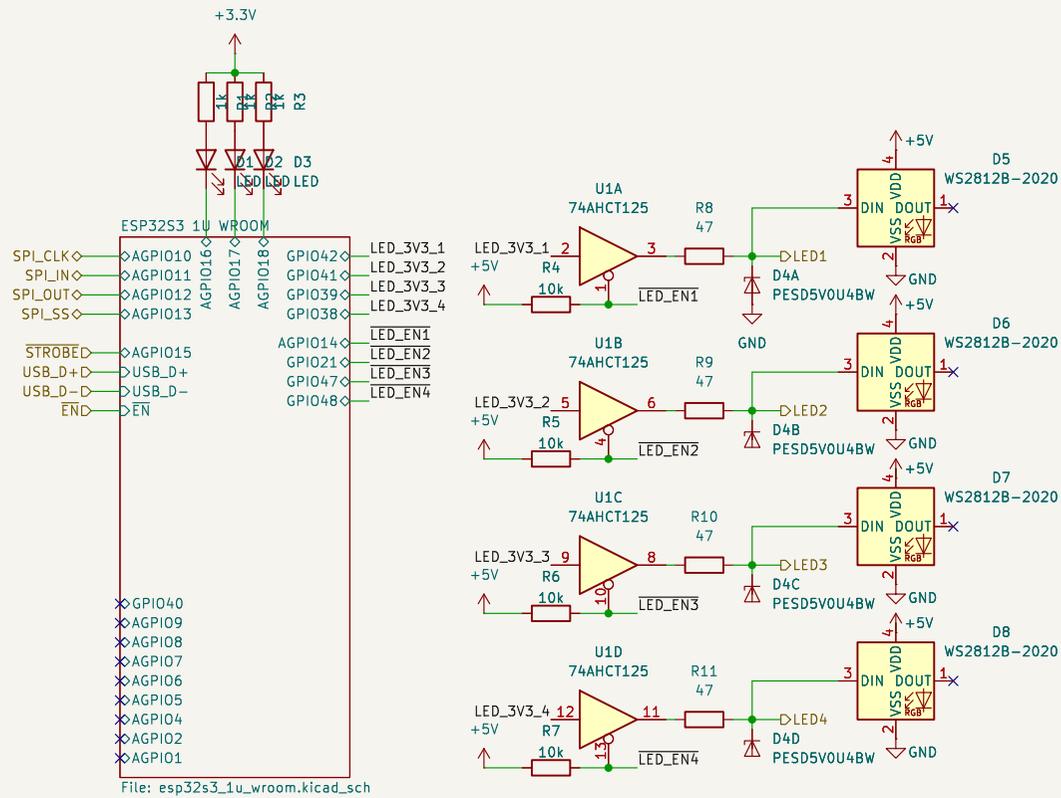
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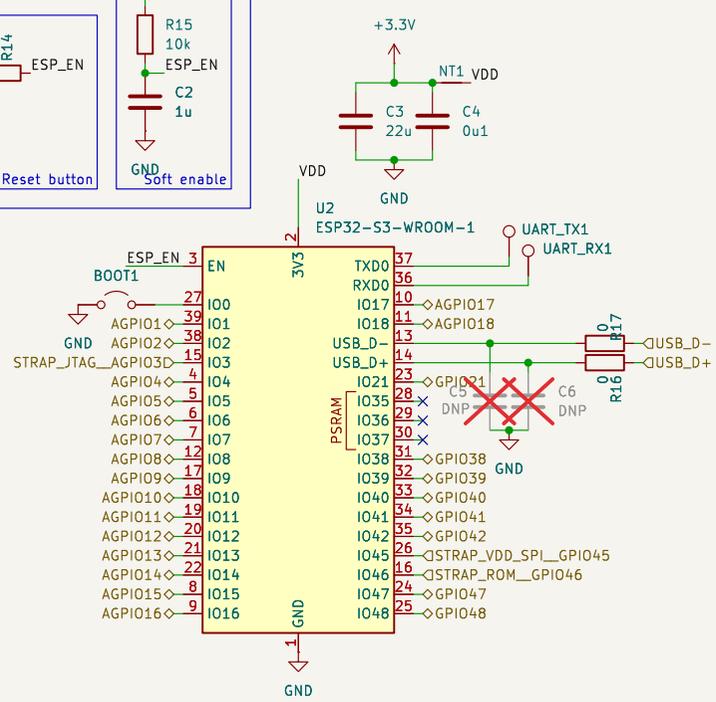
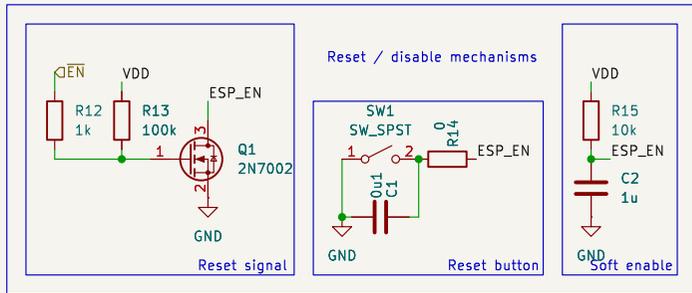
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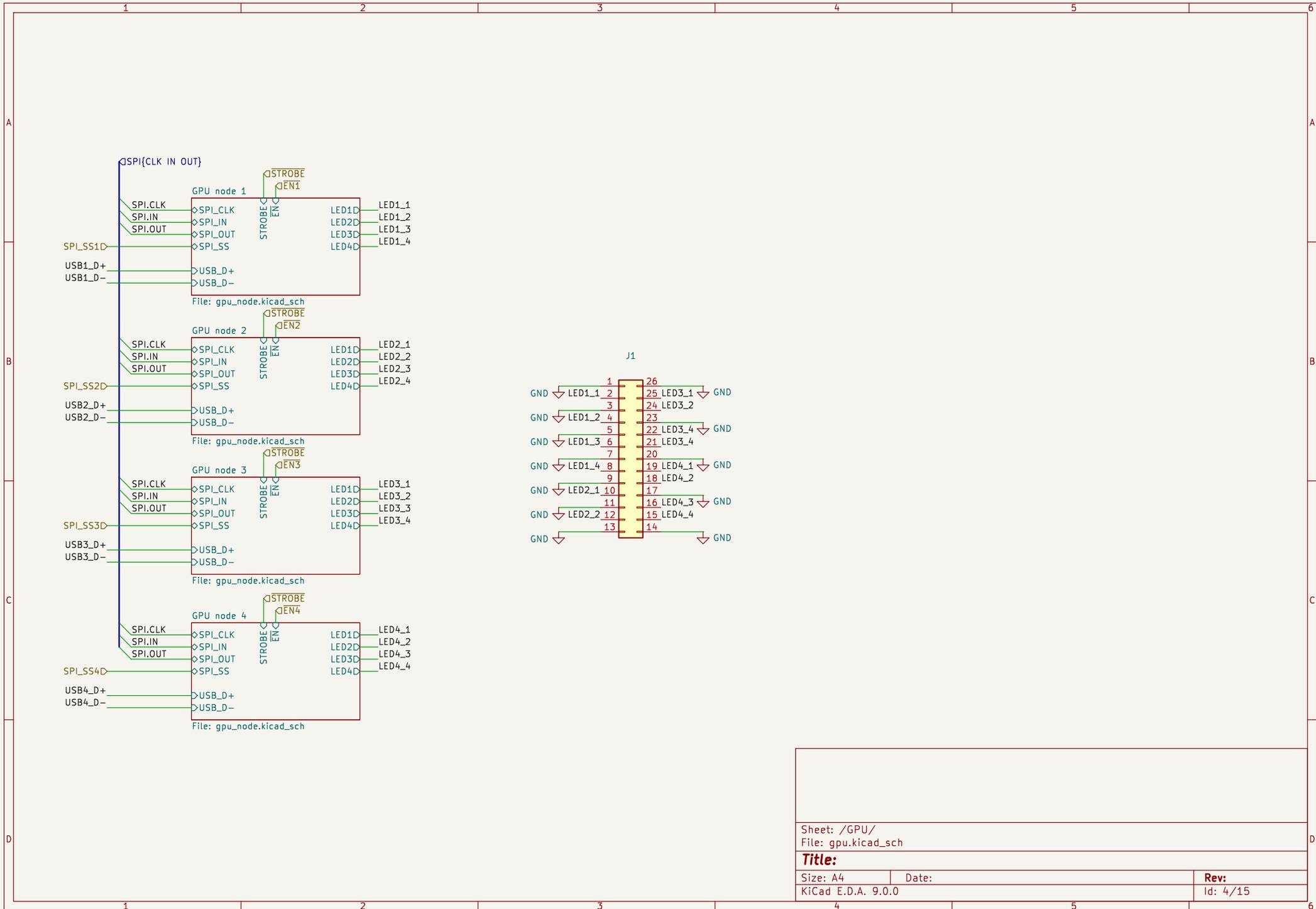
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	Id: 3/15



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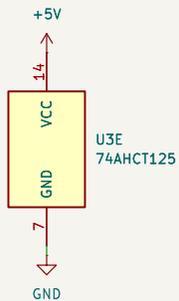
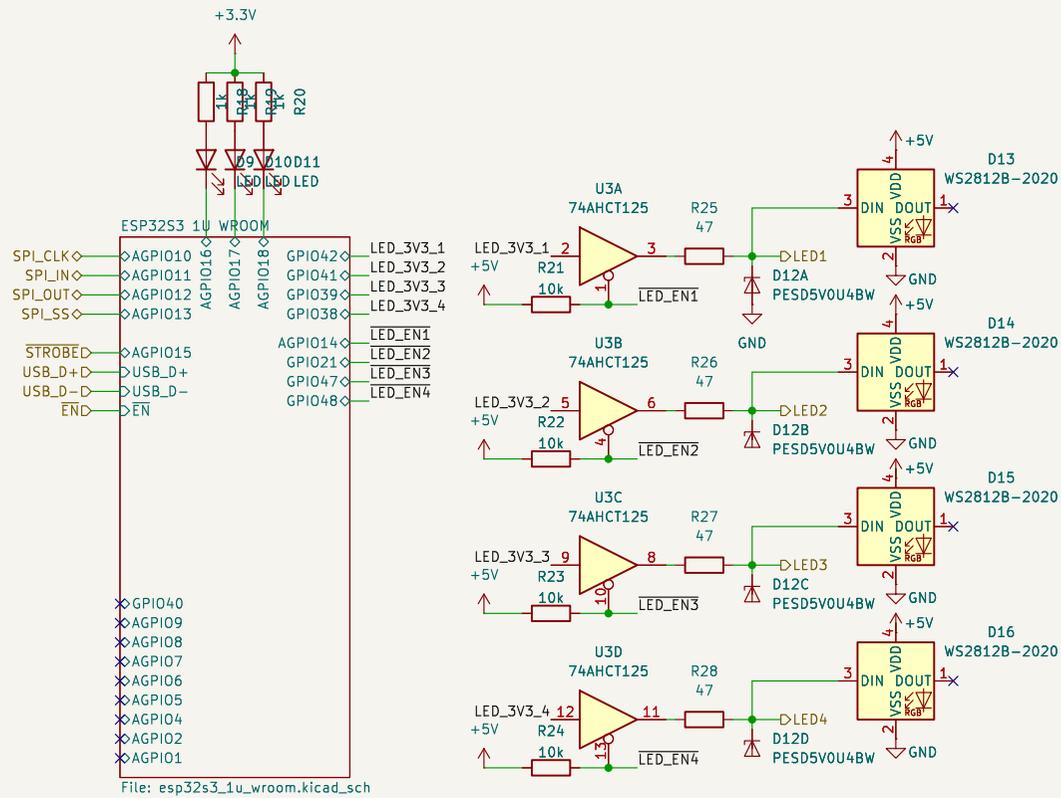
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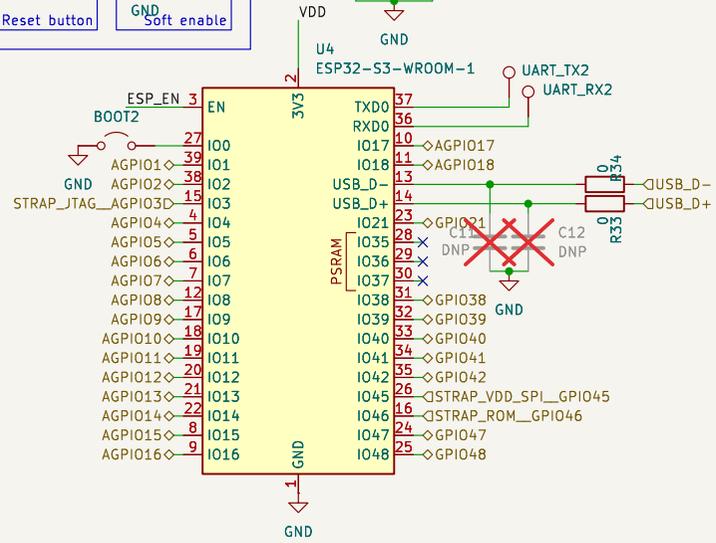
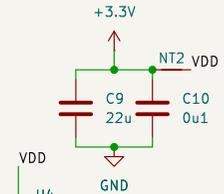
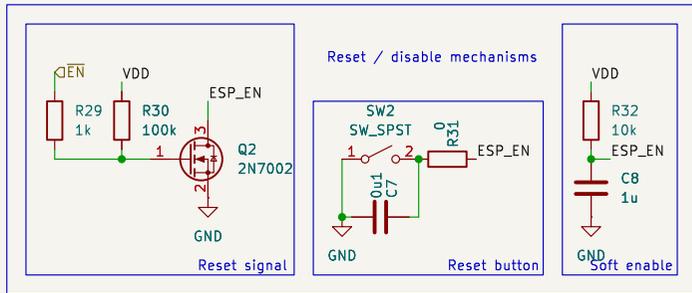
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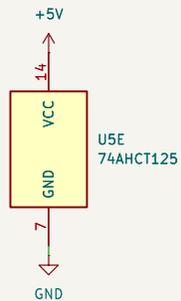
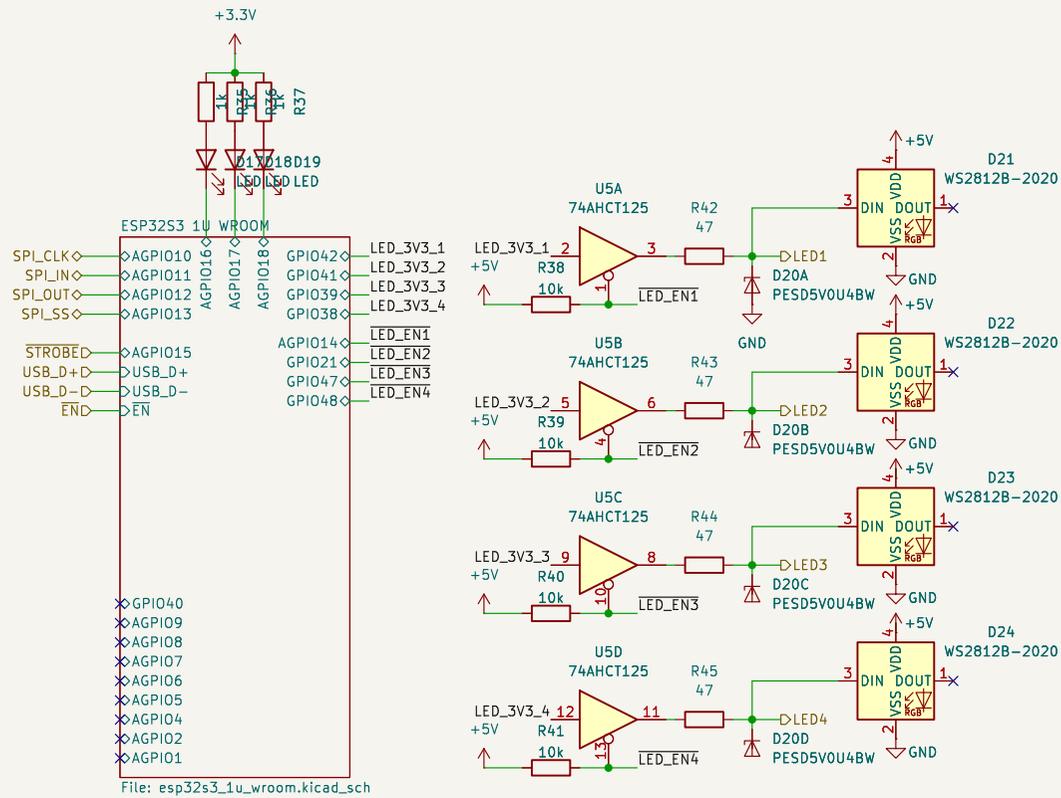
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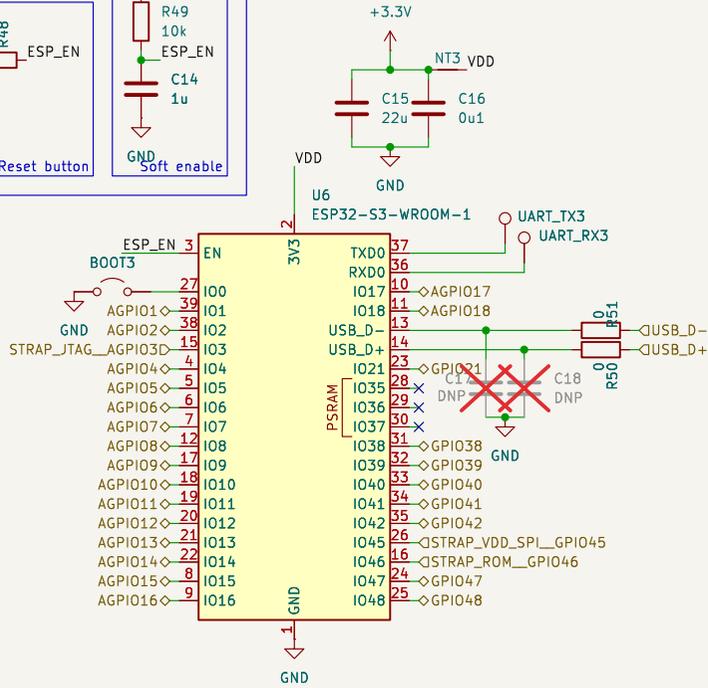
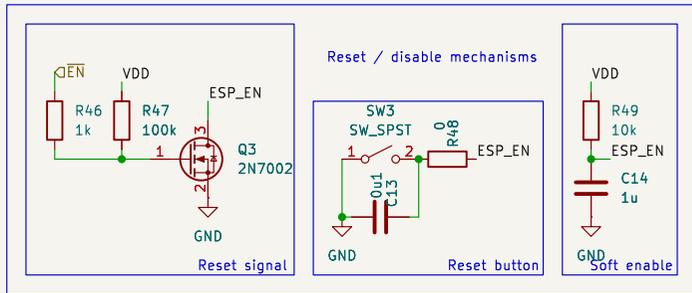
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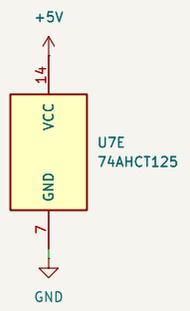
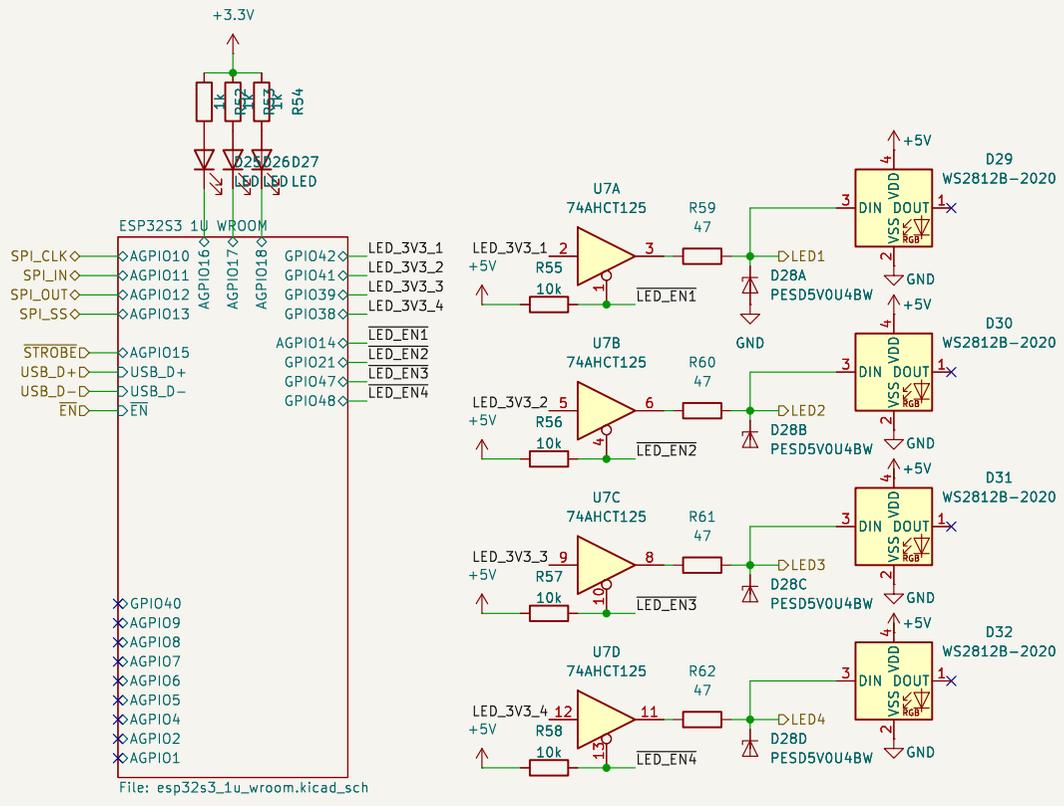
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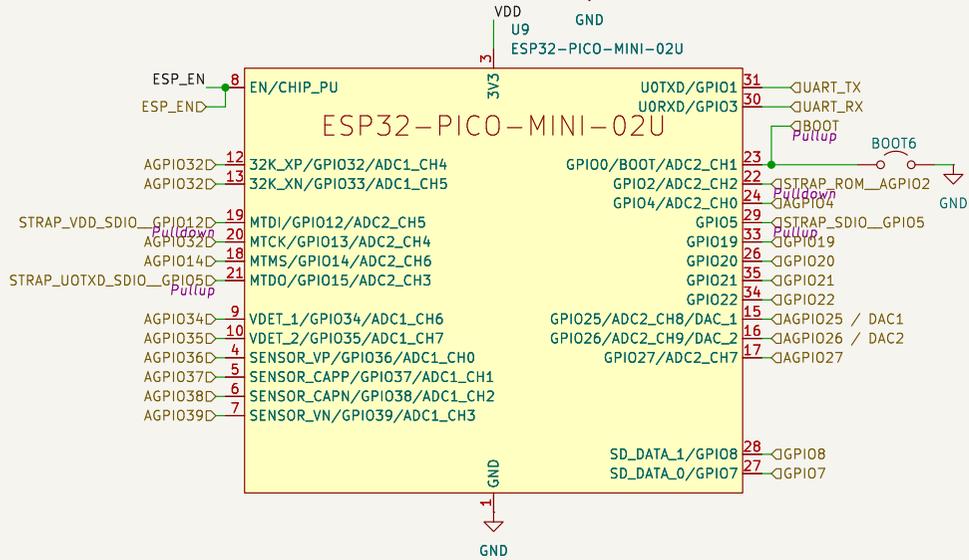
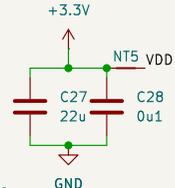
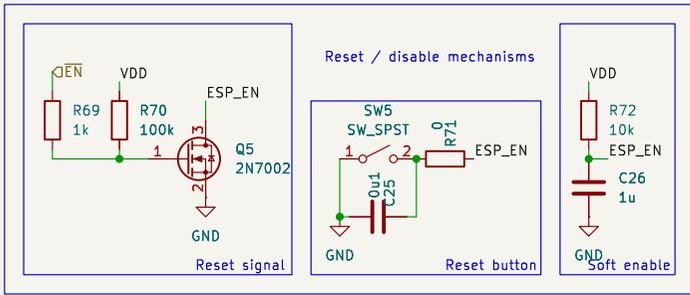
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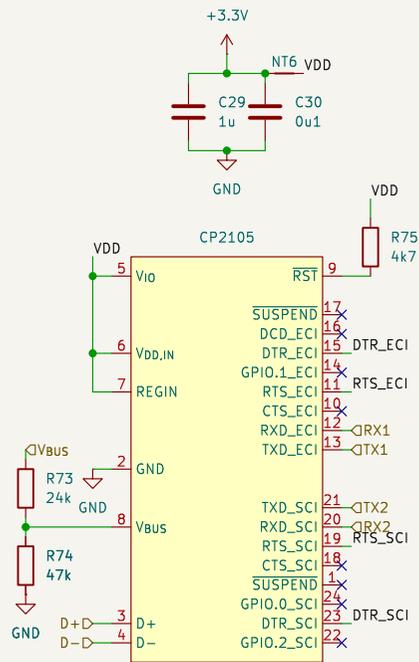
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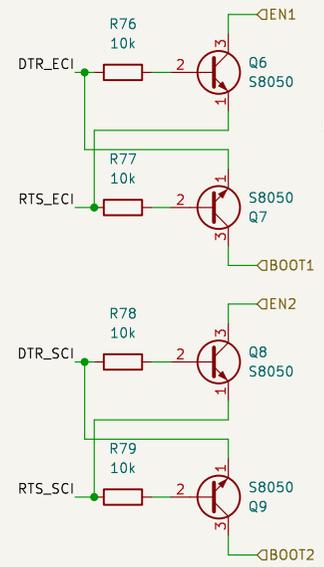
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Add SP0503BAHTG over V_BUS / D+ / D-
if connected directly to USB port
Add 1kR on RX/TX for plain ESP32

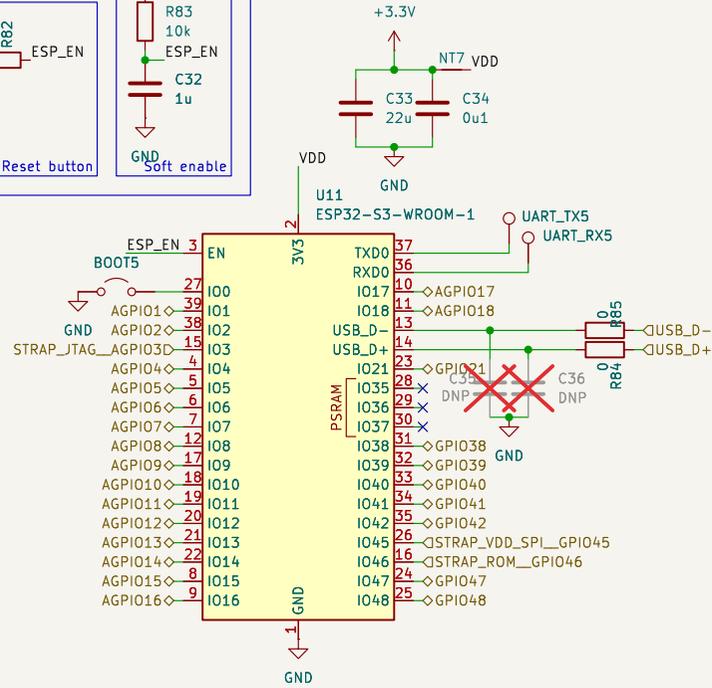
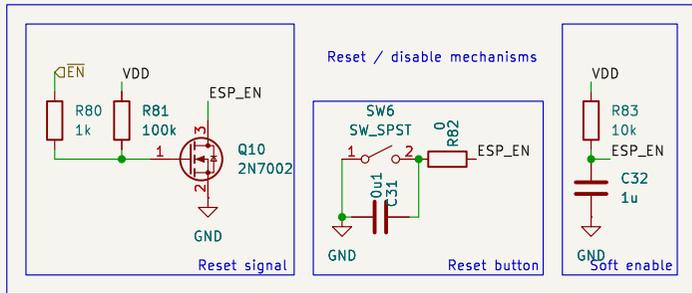


Auto-Program

DTR	RTS	EN	IO0
1	1	1	1
0	0	1	1
1	0	0	1
0	1	1	0

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Size: A4	Date:		
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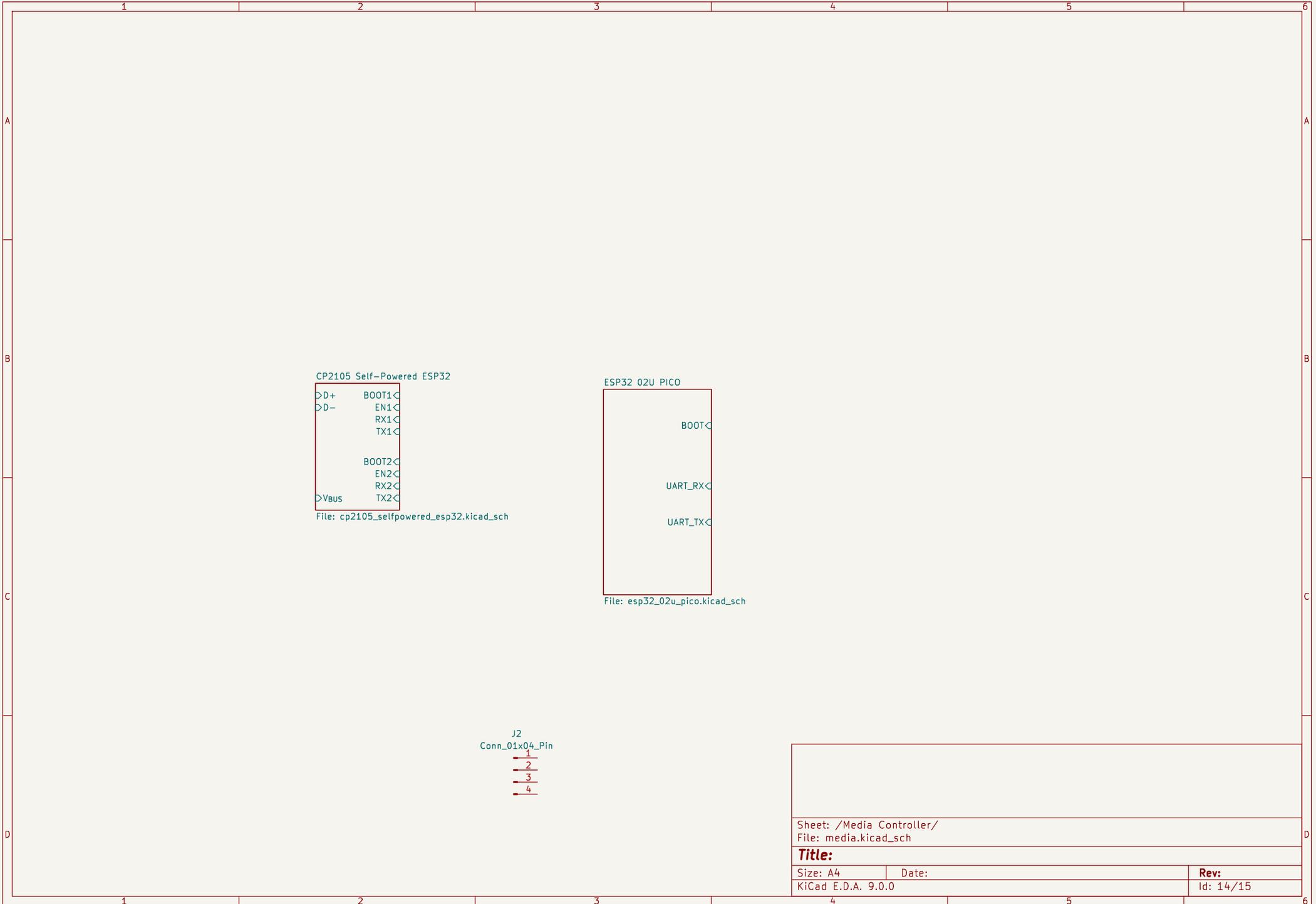
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CP2105 Self-Powered ESP32

>D+ BOOT1<
 >D- EN1<
 RX1<
 TX1<
 BOOT2<
 EN2<
 RX2<
 TX2<
 >Vbus

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ESP32 02U PICO

BOOT<
 UART_RX<
 UART_TX<

File: esp32_02u_pico.kicad_sch

J2
 Conn_01x04_Pin
 1
 2
 3
 4



Sheet: /Media Controller/		Rev:
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Size: A4	Date:	Id: 14/15
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