

1

2

3

4

A

A

U\_POWER  
POWER.SchDoc



U\_PROGRAMMER  
PROGRAMMER.SchDoc



U\_SENSORS  
SENSORS.SchDoc



B

B

U\_ESP32  
ESP32.SchDoc



U\_LEDS  
LEDS.SchDoc



C

C

D

D

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OXY CUBE			
Size	Number		Revision
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File:	Y:\Desktop\...\oxy_scheme.SchDoc		Drawn By:

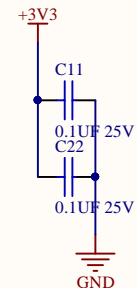
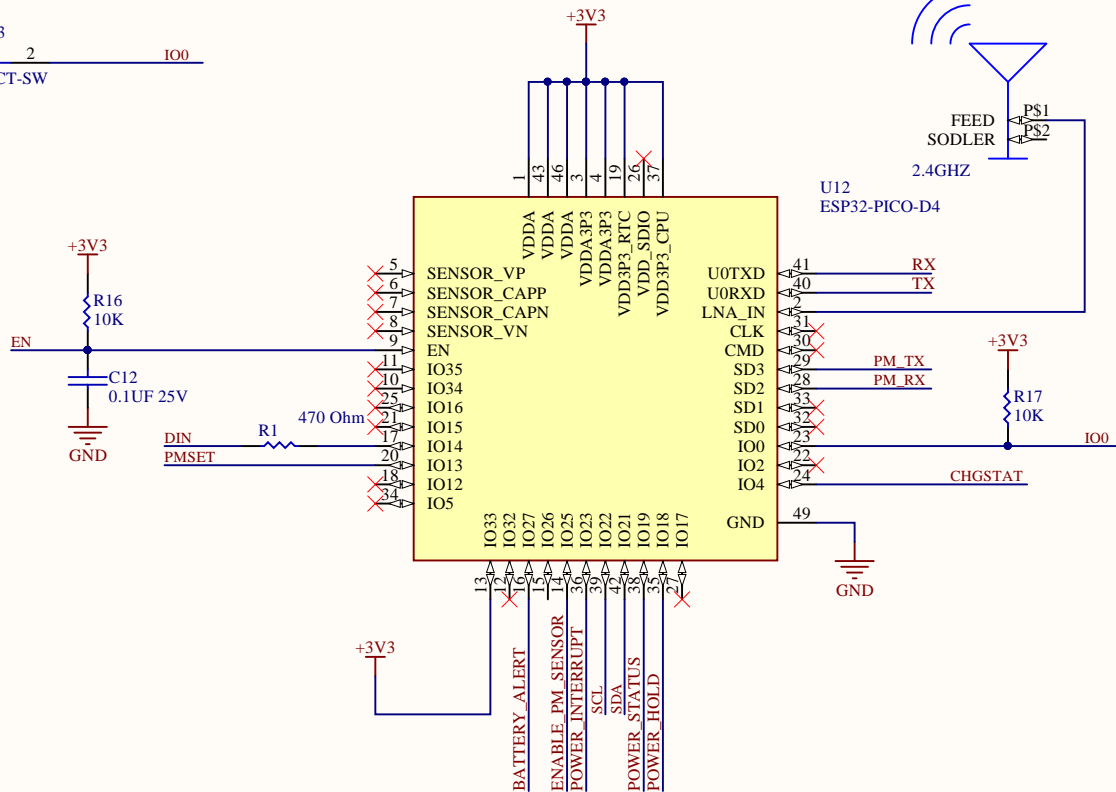
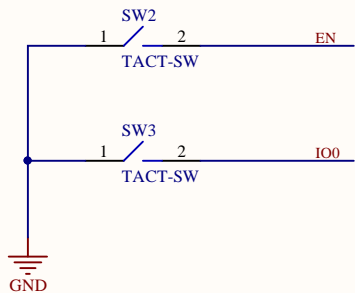
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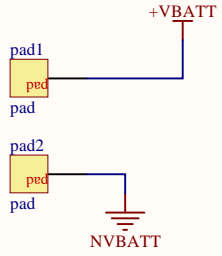
4

GPIO 34 AND UP IS ONLY INPUT  
GPIO 32-33 IS OUTPUT ONLY  
GPIO 0,2,12,15,5 I BOOT SELECTIVE  
SENSOR VP-VN IS INPUT ONLY

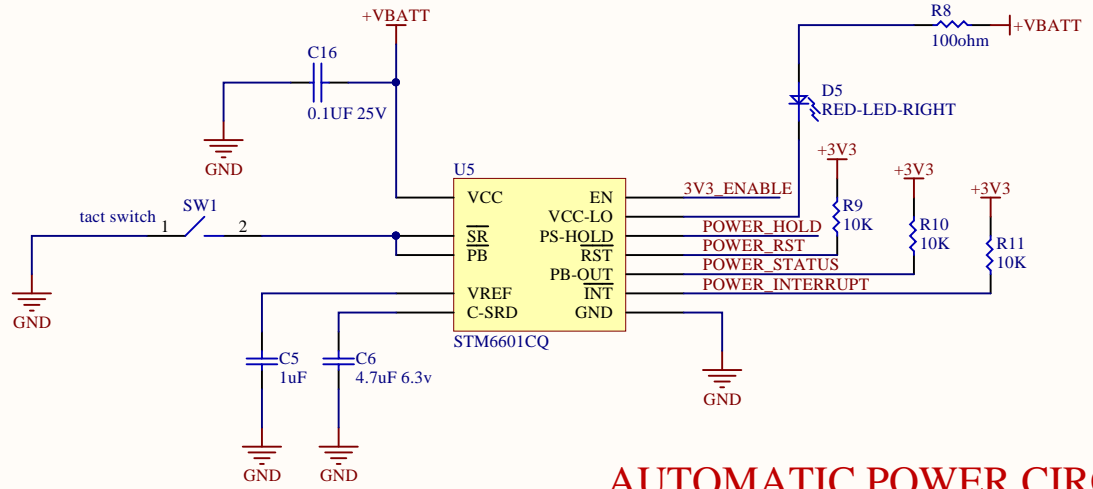


# ESP32 PICO D4

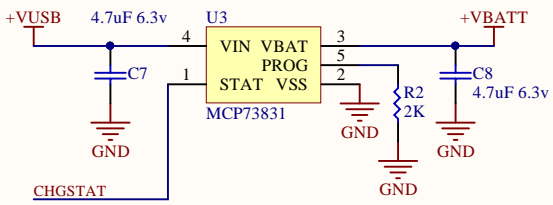
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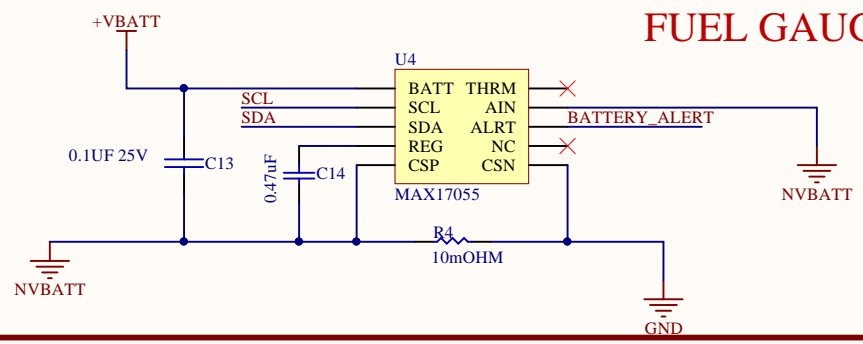
BATTERY PINS



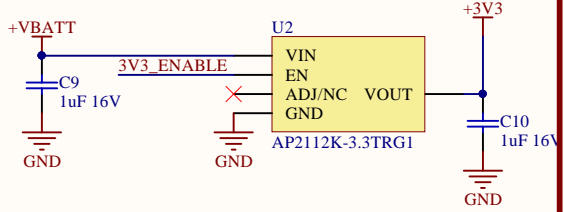
AUTOMATIC POWER CIRCUIT



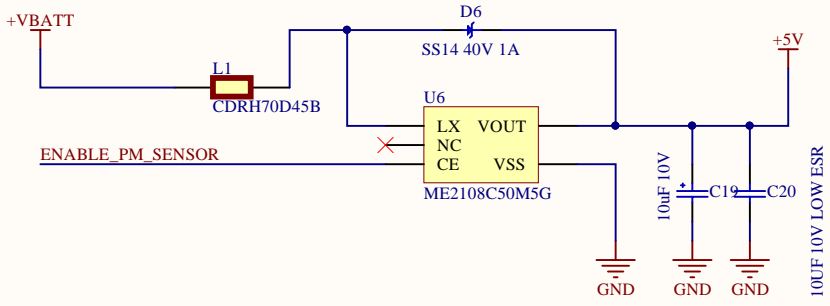
LIPO CHARGER



FUEL GAUGE

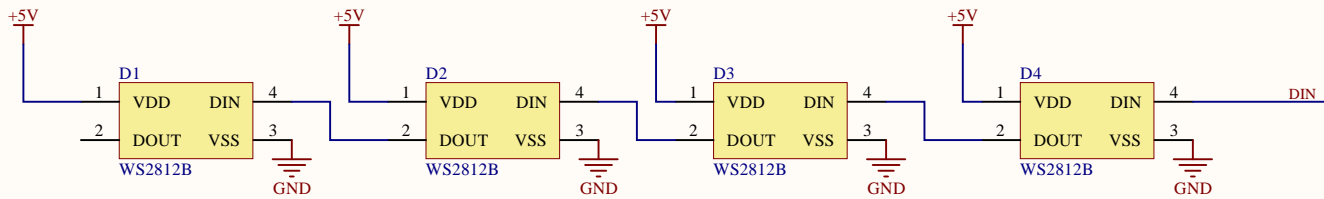
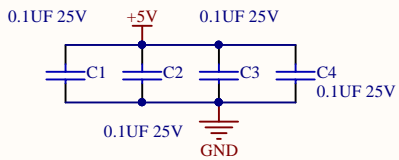


REGULATOR 3.3V



STEP-UP 5V

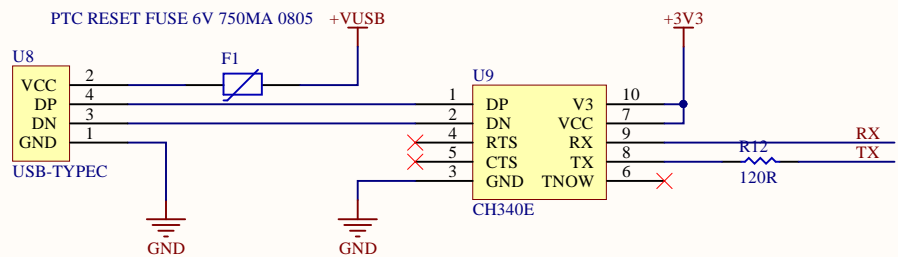
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WS2812 LEDS

Title		
Size	Number	Revision
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Date:	11.12.2020	Sheet of
File:	Y:\Desktop\...\LEDS.SchDoc	Drawn By:





## USB TO FTDI

Title		
Size	Number	Revision
A		
Date:	11.12.2020	Sheet of
File:	Y:\Desktop\...\PROGRAMMER.SchDoc	Drawn By: