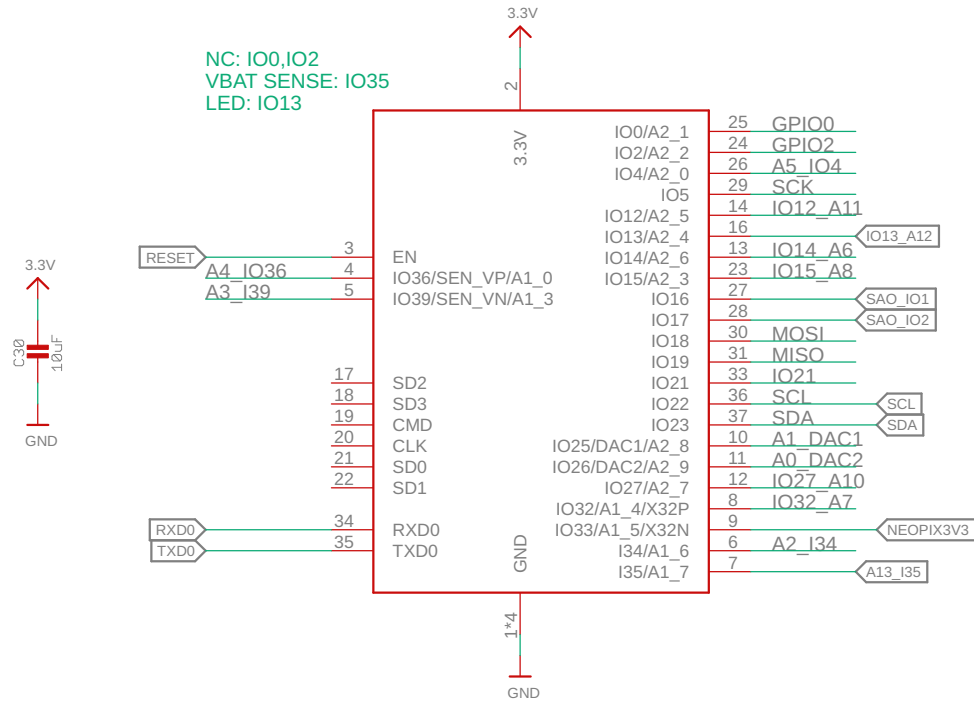
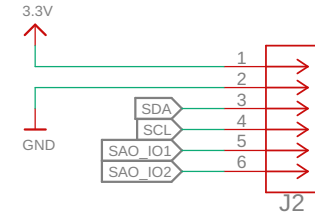


ESP32 MICROCONTROLLER



SAO CONNECTOR



AVAILABLE IO

A0_DAC2
A1_DAC1
A2_I34
A3_I39
A4_IO36
A5_IO4
SCK
MOSI
MISO
IO21
IO13_A12
IO12_A11
IO27_A10
IO15_A8
IO32_A7
IO14_A6

NEOPIXEL LEVEL CONVERTER



ISSUE	>COMPANY		© >YEAR
DRAWN	TITLE NorthSec2022 V3g		REV
>DRAWN			>REV
CHECKED	DATE 2022-01-27 5:49 PM		DRG N°
>CHECKED			>DRGNO
DATE	FILE: version3g		PAGE: 1/1
>DATE			

1 2 3 4 5 6

A

A

B

B

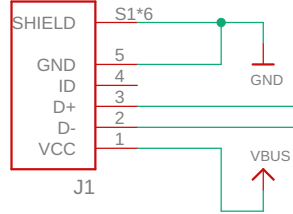
C

C

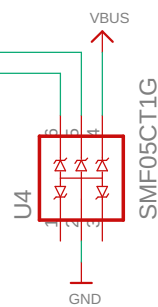
D

D

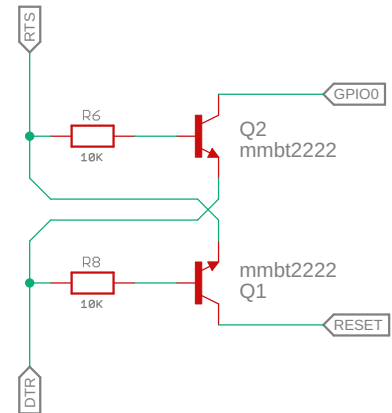
10118192-0002LF



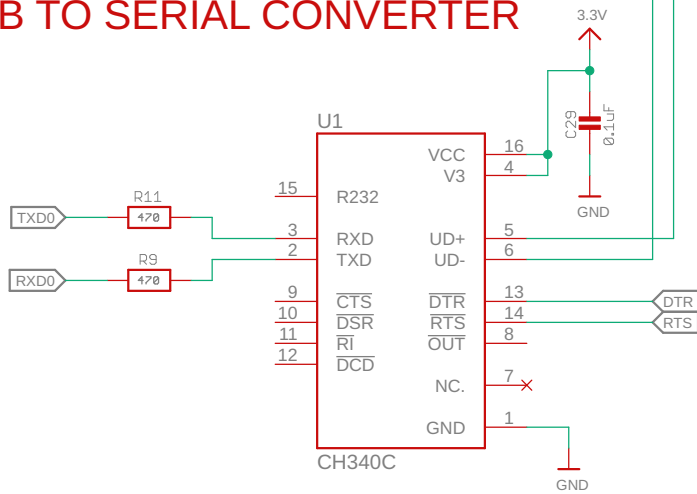
ESD PROTECTION



AUTO-RESET CIRCUIT



USB TO SERIAL CONVERTER



1

2

3

4

5

6

A

A

B

B

C

C

D

D

CHANGE LOG V3e -> V3f

- move battery charger before the switch
- added holes to slide switch
- remapped slide switch
- added level converter to first neopixel 3V3 to 5V

CHANGE LOG V3f -> V3g

- added Vdd and 3V3 LED status

1

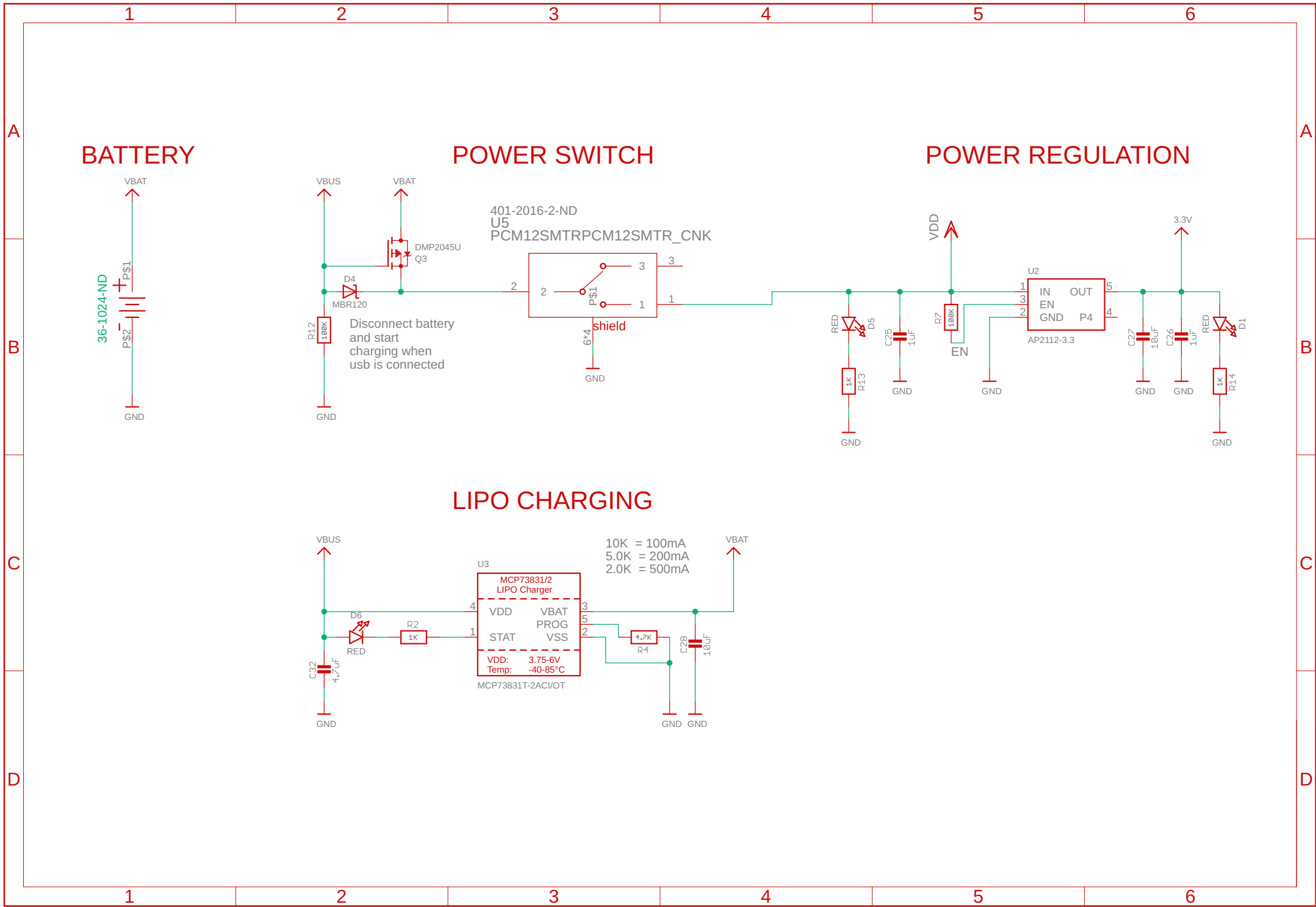
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3

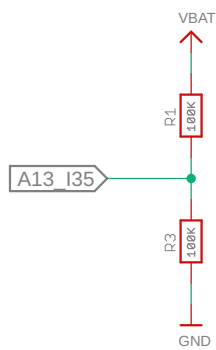
4

5

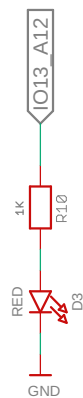
6



BATTERY SENSING



STATUS LED



RESET BTN

