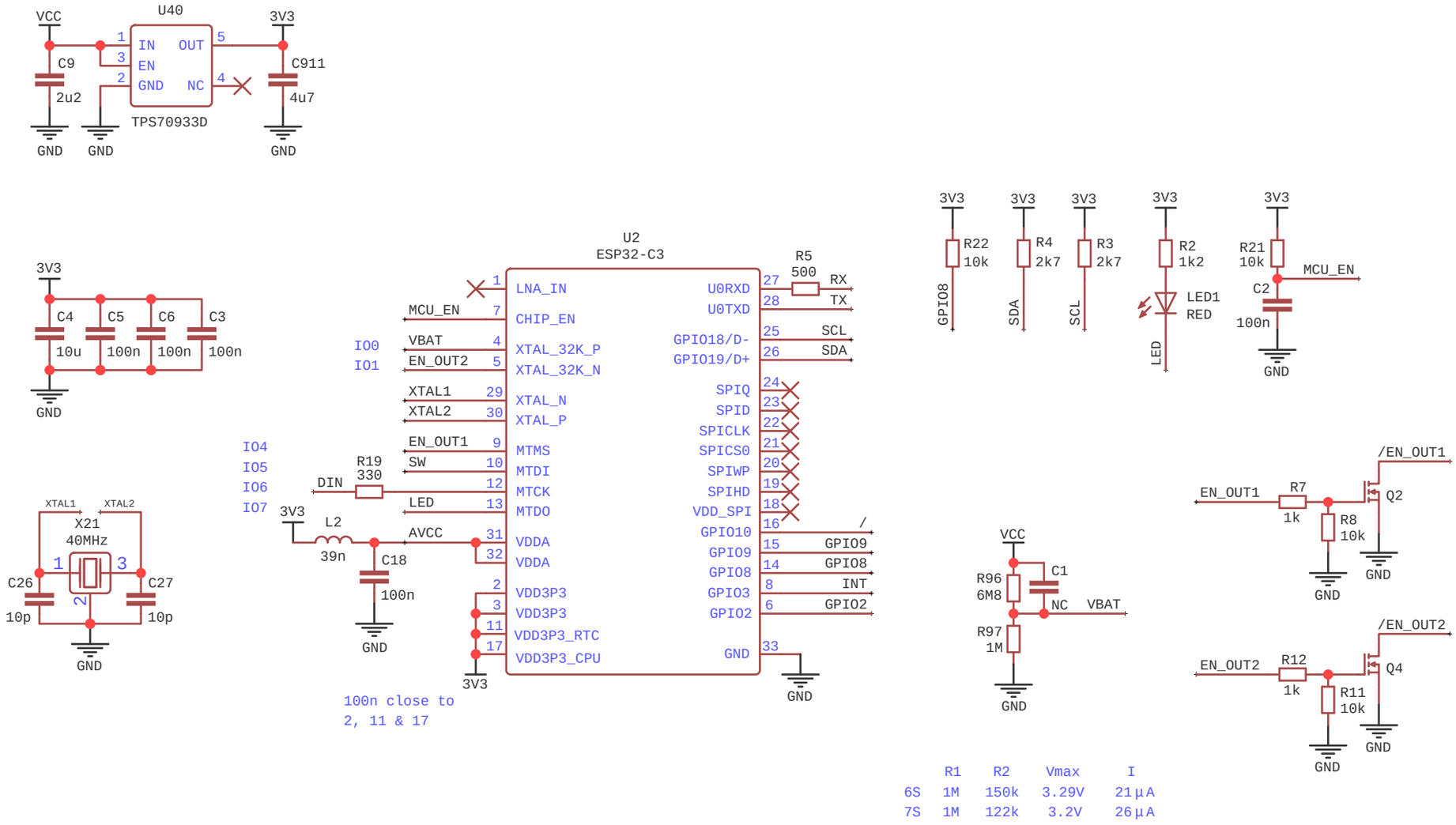

TITLE: MCU		REV: 1.0
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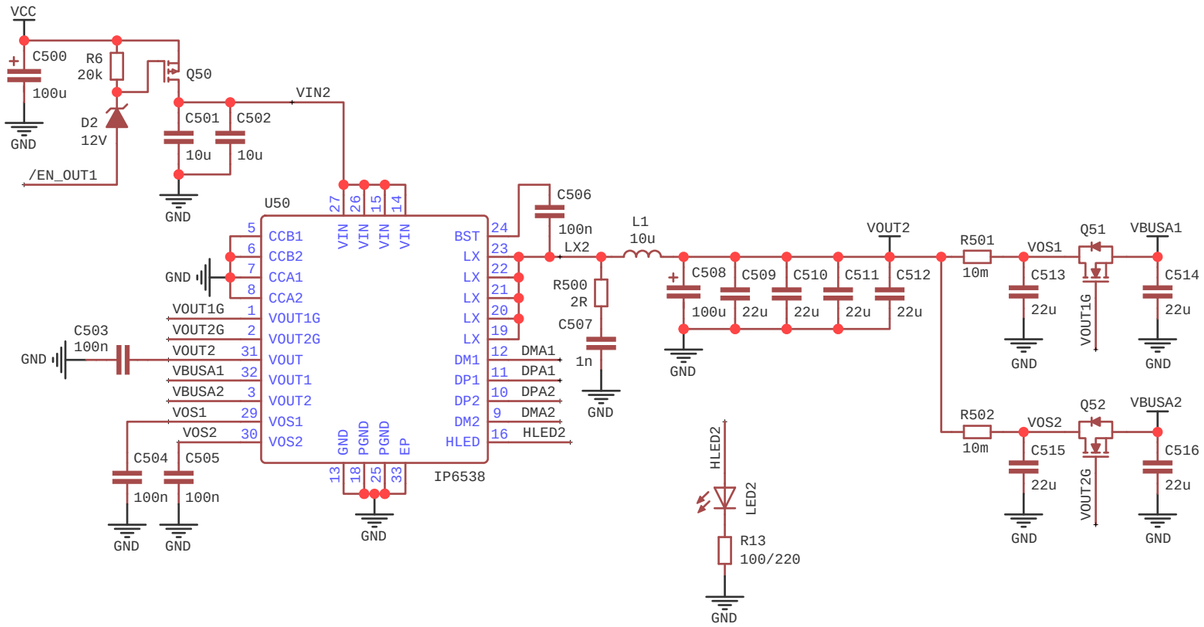
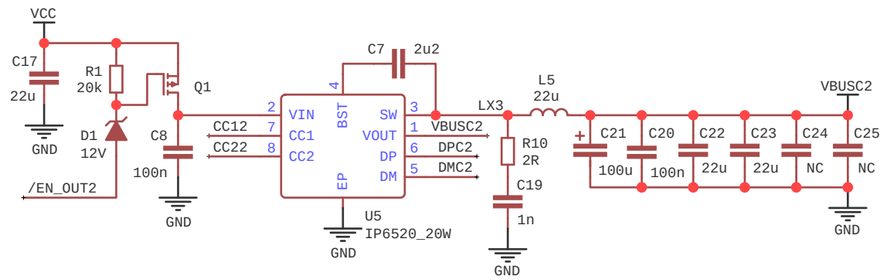
2 USB-A: 24W



USB-C 2: 20W

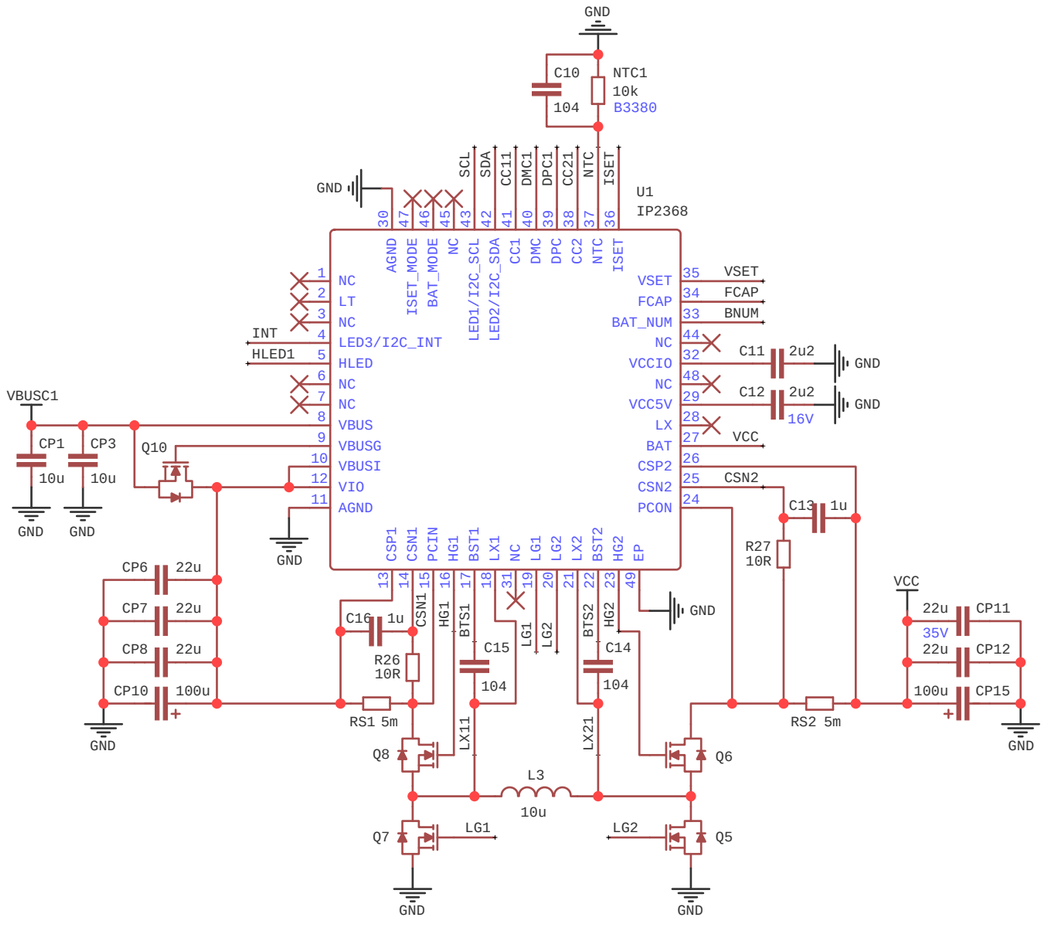


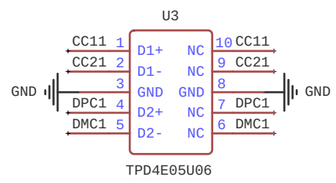
Infos

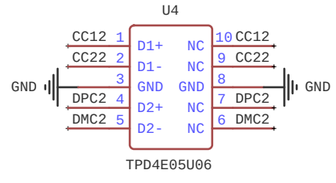
CELL	Capacity	Vmin	Vmax
	3450mAh	3.3V	4.2V
	12.4Wh		

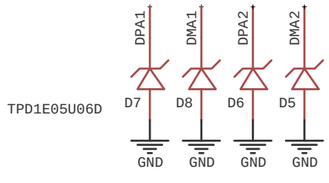
BAT	Capacity	Vmin	Vmax
4S	49.6Wh	13.2V	16.8V
5S	62Wh	16.5V	21V
6S	74.4Wh	19.8V	25.2V

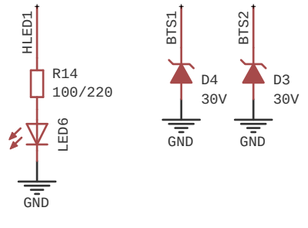
USB-C 1: 100W OUT / 65W IN

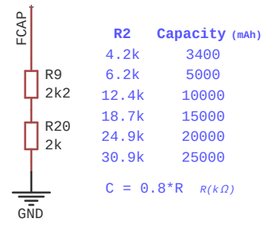






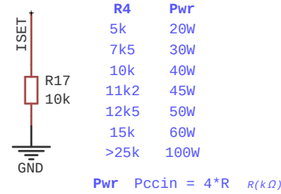






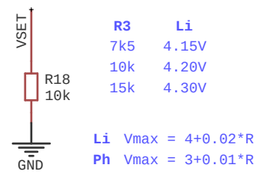
R2	Capacity (mAh)
4.2k	3400
6.2k	5000
12.4k	10000
18.7k	15000
24.9k	20000
30.9k	25000

C = 0.8*R R(kΩ)



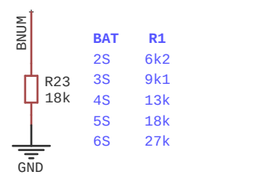
R4	Pwr
5k	20W
7k5	30W
10k	40W
11k2	45W
12k5	50W
15k	60W
>25k	100W

Pwr Pccin = 4*R R(kΩ)
Cur Ichrg = 0.2*R R(kΩ)



R3	Li
7k5	4.15V
10k	4.20V
15k	4.30V

Li Vmax = 4+0.02*R R(kΩ)
Ph Vmax = 3+0.01*R R(kΩ)



BAT	R1
2S	6k2
3S	9k1
4S	13k
5S	18k
6S	27k

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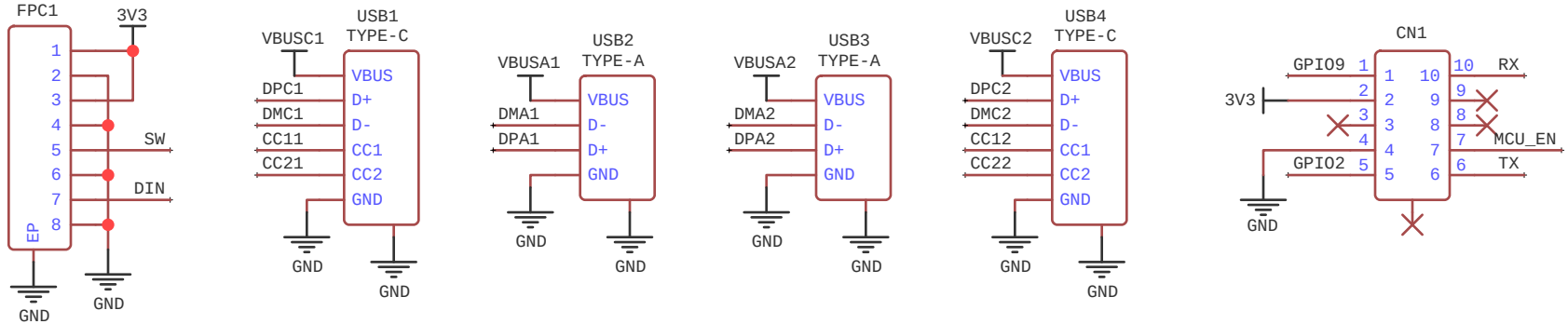

MH1 MH2 MH3 MH4 MH5 MH6 MH7

TITLE: Connectors		REV: 1.0
	Company: HarryOnBreadboard	Sheet: 1/1
	Date: 2022-10-05 Drawn By: Antoine	