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A

A

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voeding.SchDoc

charger  
charger.SchDoc

Designator  
esp32.SchDoc

B

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VM

VM\_IN

C

C

D

D

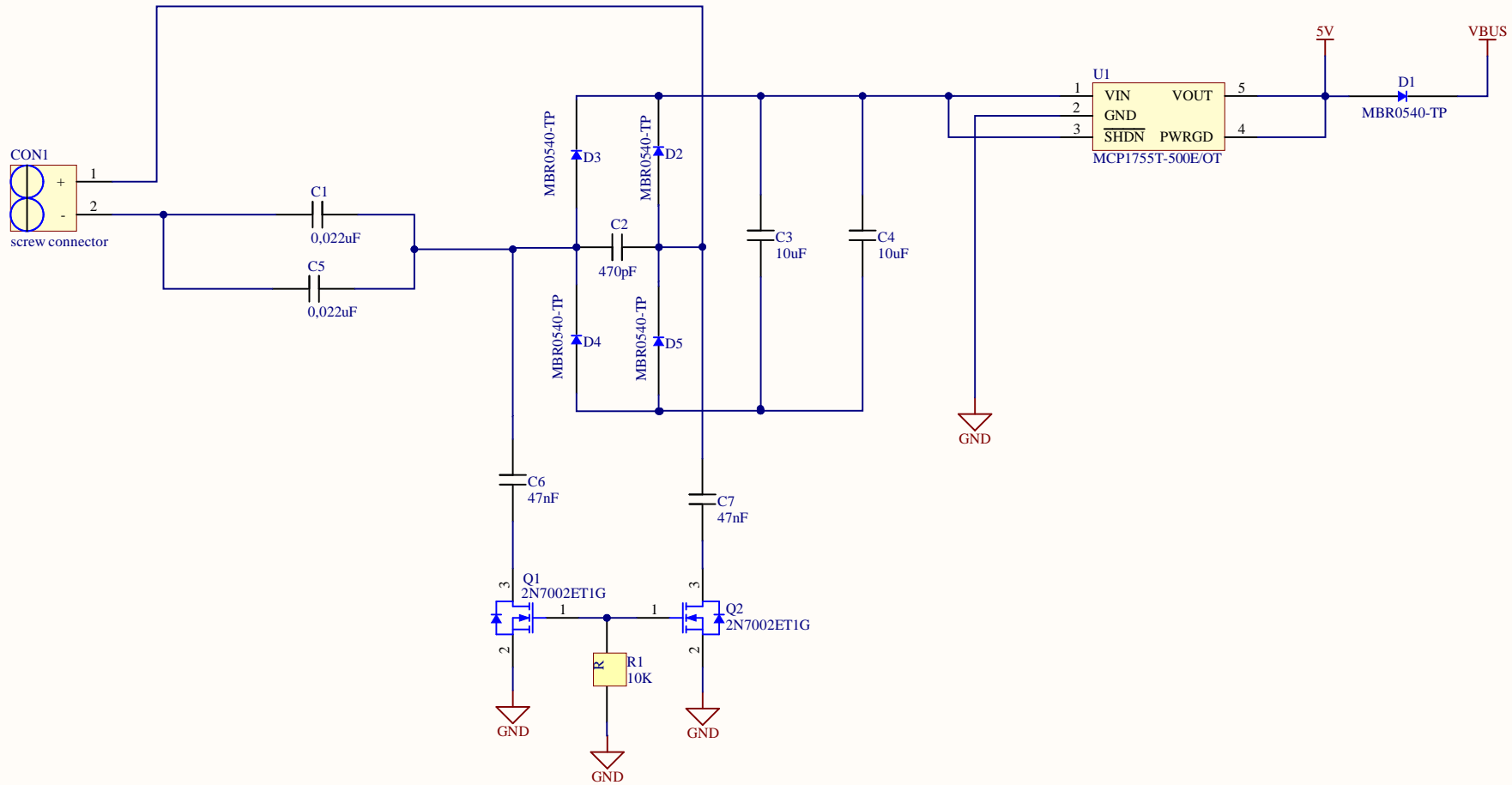
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Date:	9/14/2021	Sheet of
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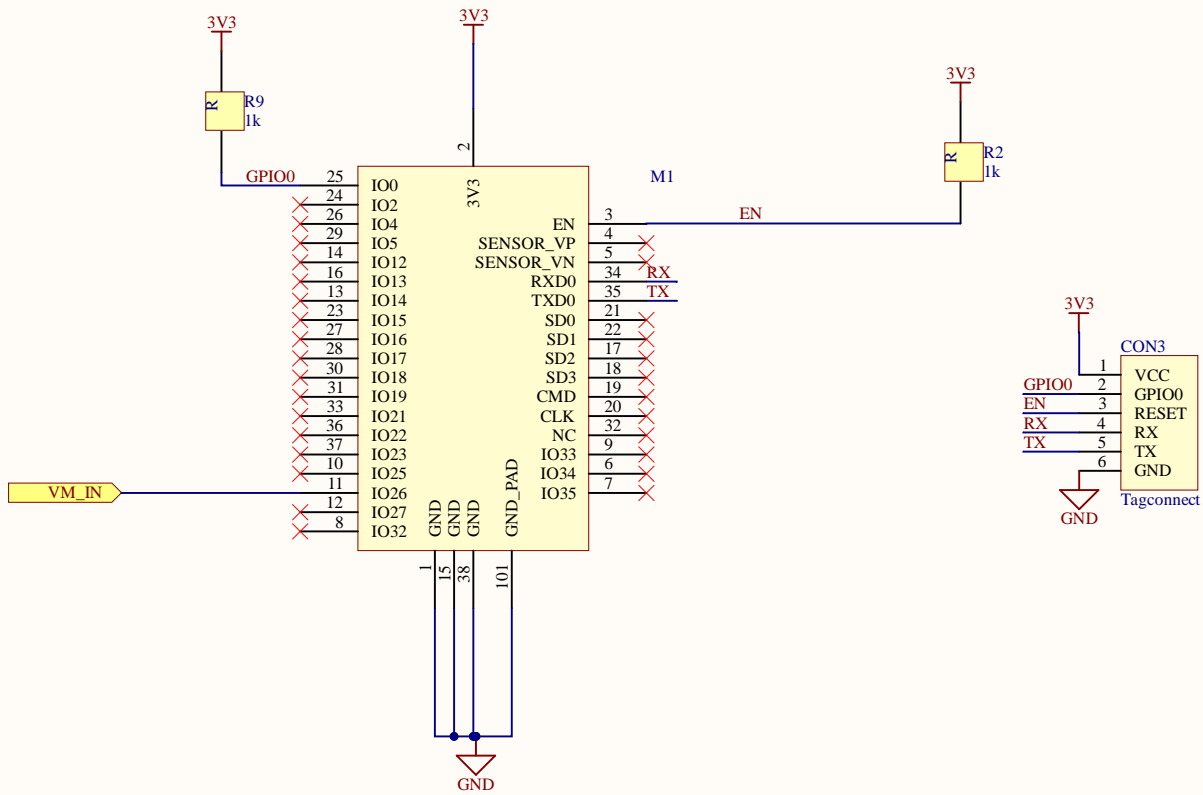
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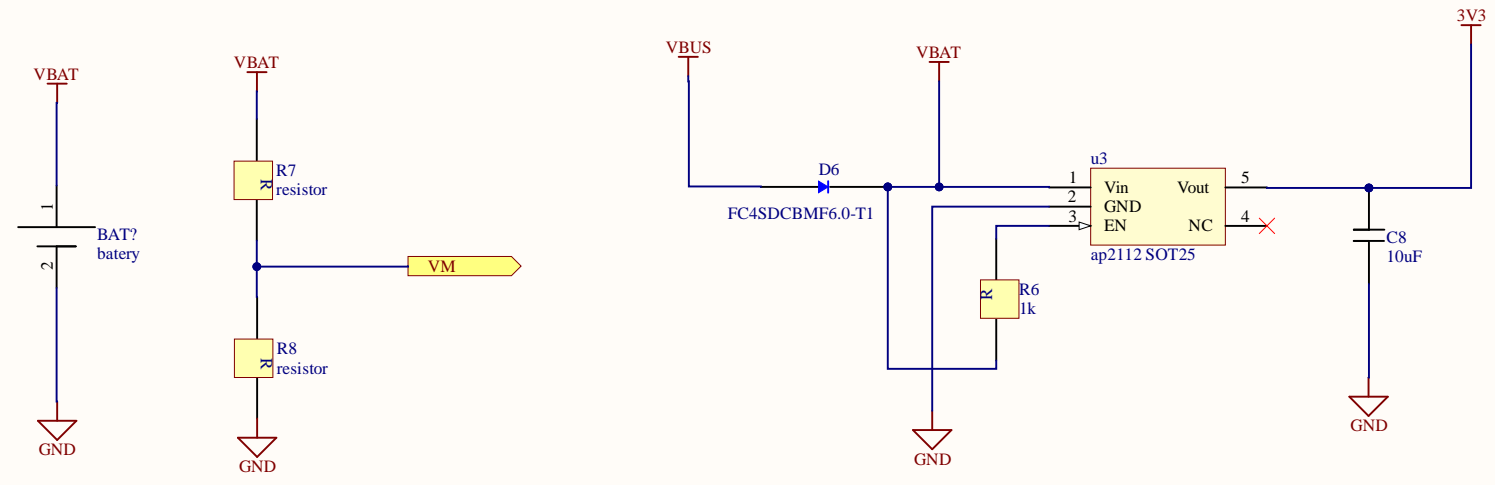
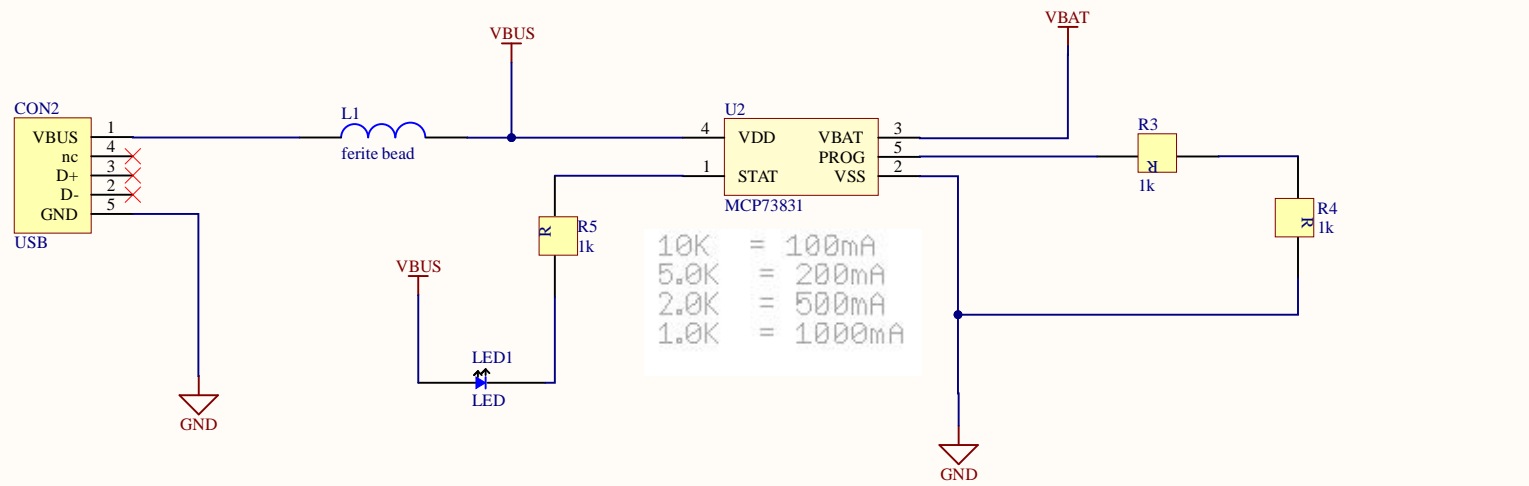
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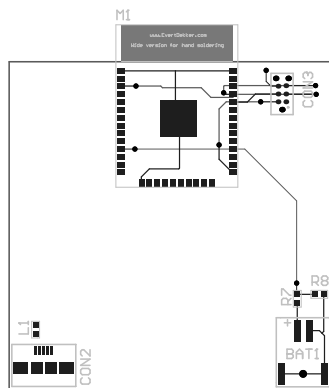




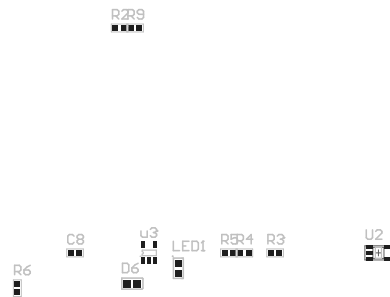
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R1 Q2 Q1 C7 C6 D5 D4 C8 C3 C4 C2 C1 D3

D2 D1 U1



6C-2L-1550um.PcbDoc  
CON1



Comment	Description	Designator	Footprint	LibRef	Quantity
battery		BAT?	jst 2pin	battery	1
0,022uF		C1, C5	0603	capacitor	2
470pF		C2	0603	capacitor	1
10uF		C3, C4, C8	0603	capacitor	3
47nF		C6, C7	CAPC1005X04L	capacitor	2
screw connector	screw connector	CON1	qi coil	screw connector	1
USB		CON2	microusb	USB	1
Tagconnect		CON3	Tagconnect	Tagconnect	1
MBR0540-TP		D1, D2, D3, D4, D5	Diode	diode	5
FC4SDCBMF6.0-T1		D6	Diode	diode	1
ferite bead		L1	0603	Spoel	1
LED		LED1	LED	LED	1
ESP32S_Module	Esp-32S	M1	ESP32S_W	ESP32S_Module	1
2N7002ET1G		Q1, Q2	N-channel FET	fet	2
10K		R1	CAPC1005X04L	resistor	1
1k		R2, R3, R4, R5, R6, R9	0603	resistor	6
resistor		R7, R8	0603	resistor	2
ap2112 SOT25		u3	AP2112 sot25	ap2112 SOT25	1
MCP1755T-500E/OT		U1	AP2112 sot25	MCP1755T-500E/OT	1
MCP73831		U2	MCP73831/2	MCP73831	1