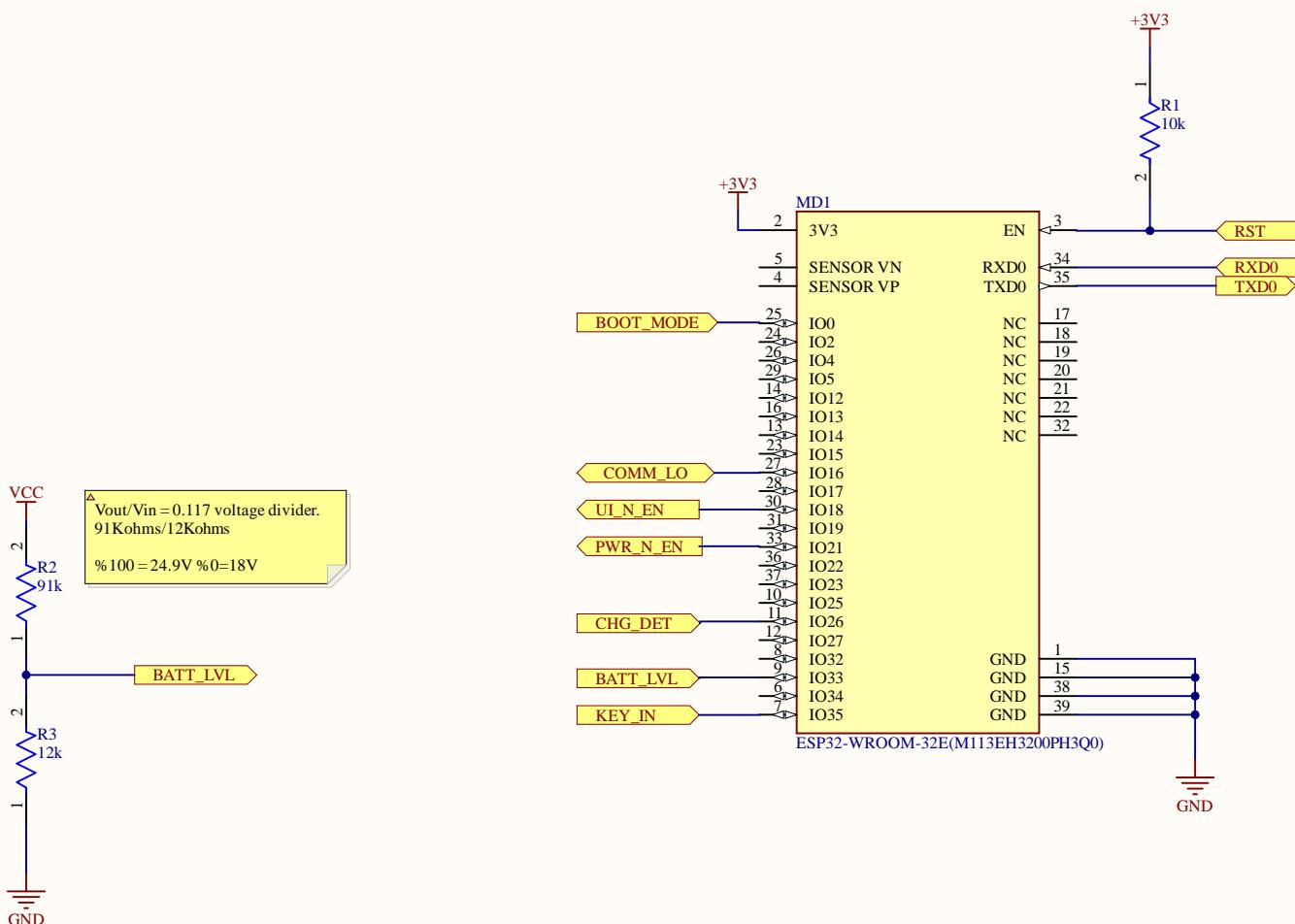


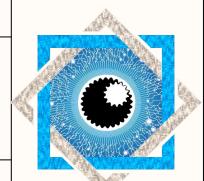
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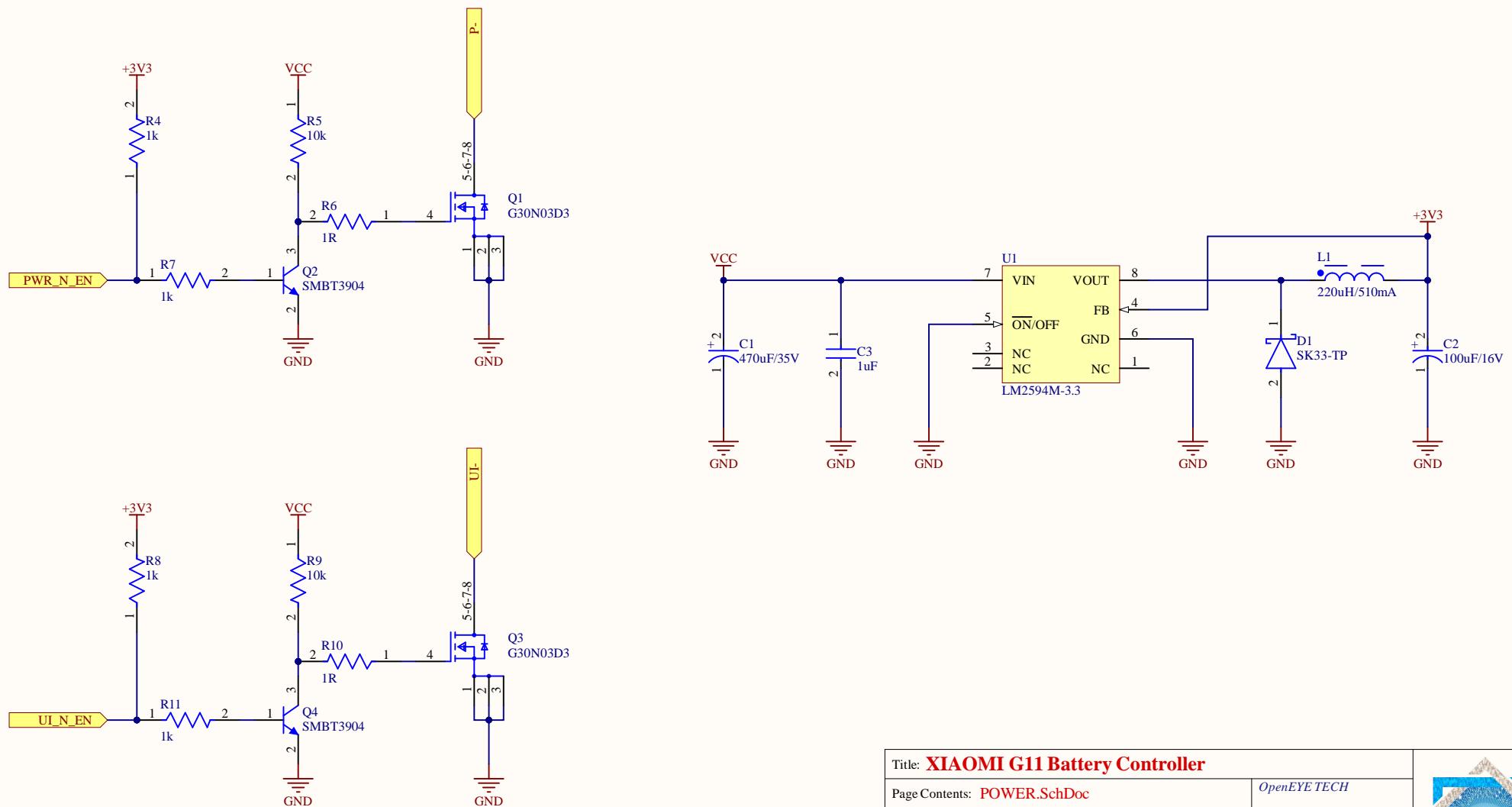
Title: XIAOMI G11 Battery Controller

Page Contents: [MCU SchDoc](#)

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POWER



Title: XIAOMI G11 Battery Controller

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Size: A4

Number: 2

Revision: V0.1

Date: 23.03.2024

Time: 02:12:13

Sheet 2 of 5

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Communication & Level Shifter

A

A

B

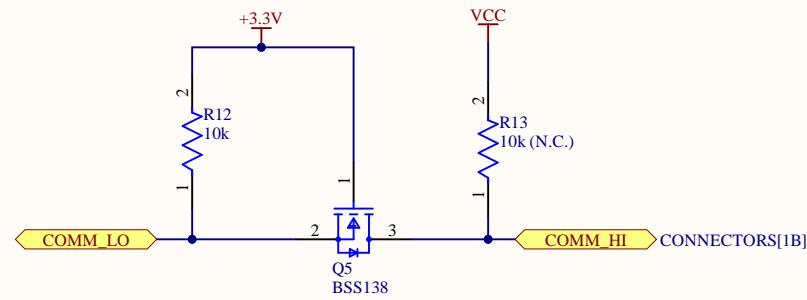
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C

C

D

D



Title: **XIAOMI G11 Battery Controller**

Page Contents: **COMM LEVEL SHIFTER.SchDoc**

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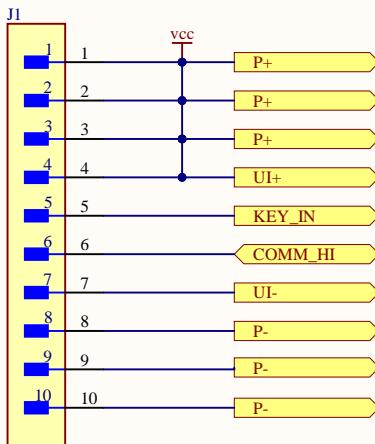
Email: **sezginacikgoz@mail.com** Website: **www.openeye.tech**

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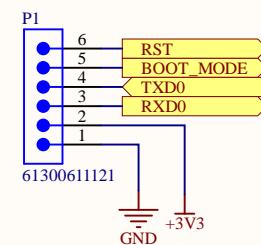


Connectors

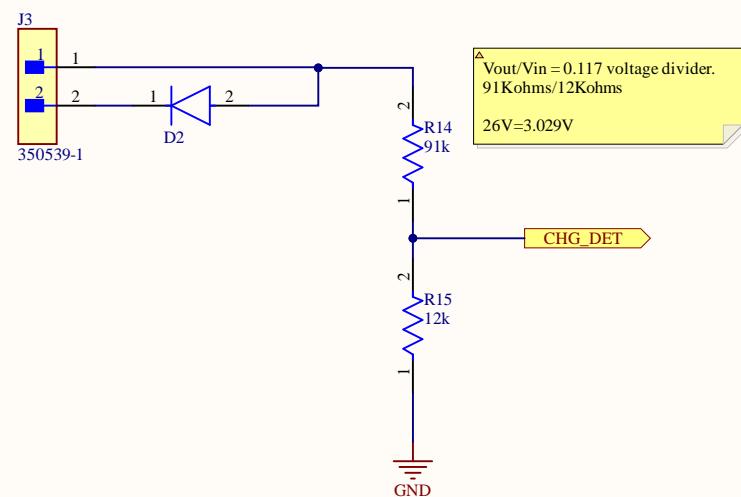
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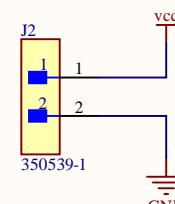
B



A



C



D

Title: XIAOMI G11 Battery Controller

Page Contents: CONNECTORS.SchDoc

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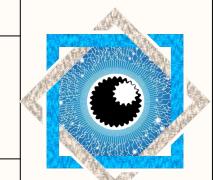
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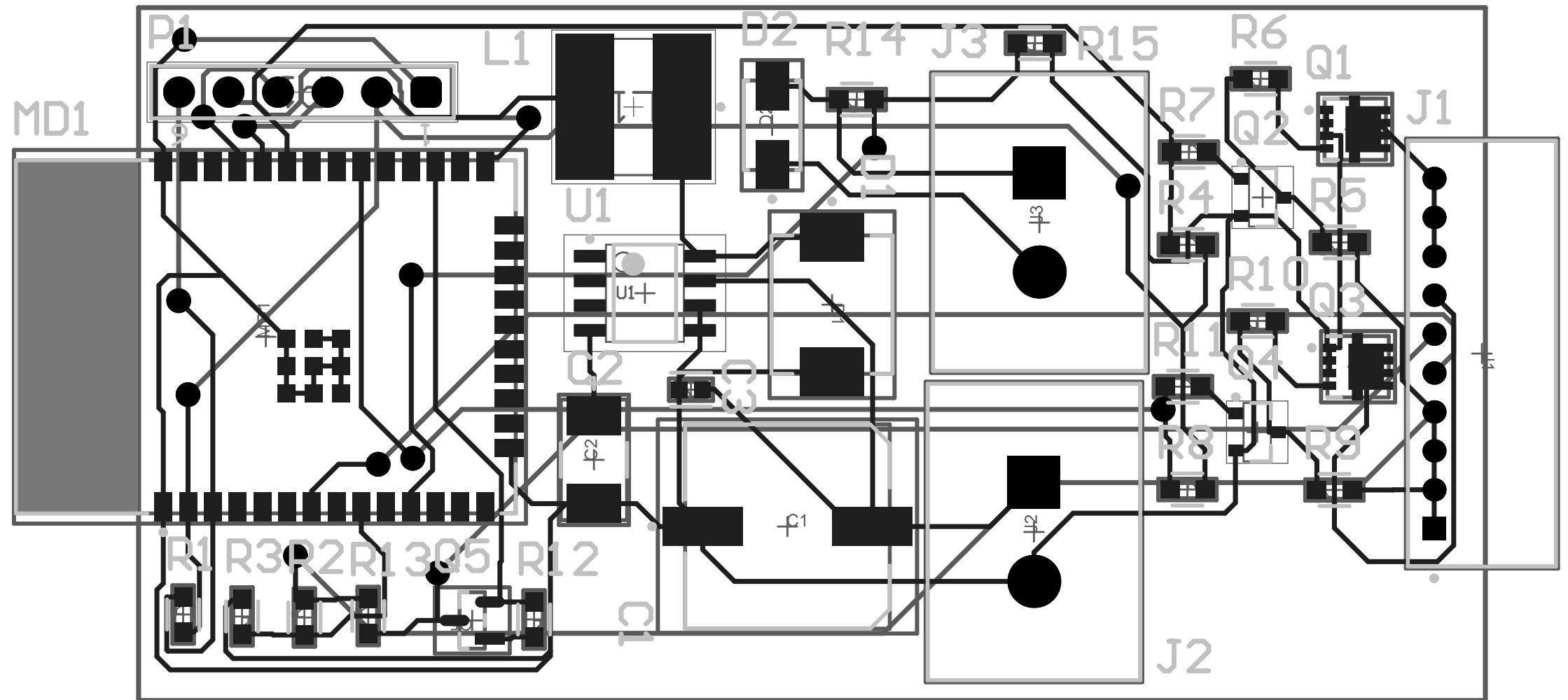
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Comment	Designator	Case/Package	LCSC Part #
SMBT3904	Q2		C896900
SMBT3904	Q4		C896900
SK33-TP	D1	SMC	C151786
S10B-PH-K-S(LF)(SN)	J1		
LM2594M-3.3	U1		C3029048
G30N03D3	Q1		C840054
G30N03D3	Q3		C840054
ESP32-WROOM-32E(M113EH3200PH3Q0)	MD1		C701341
ES2DA-13-F	D2		C5140013
BSS138	Q5	SOT-23	C5224260
61300611121	P1		
350539-1	J2		
350539-1	J3		
470uF/35V	C1	Radial	C280413
220uH/510mA	L1		C2929444
100uF/16V	C2	Molded	C122646
91k	R2	603	
91k	R14	603	
12k	R3	603	
12k	R15	603	
10k (N.C.)	R13	603	
10k	R1	603	
10k	R5	603	
10k	R9	603	
10k	R12	603	
1uF	C3	0603	C478859
1R	R6	603	
1R	R10	603	
1k	R4	603	
1k	R7	603	
1k	R8	603	
1k	R11	603	