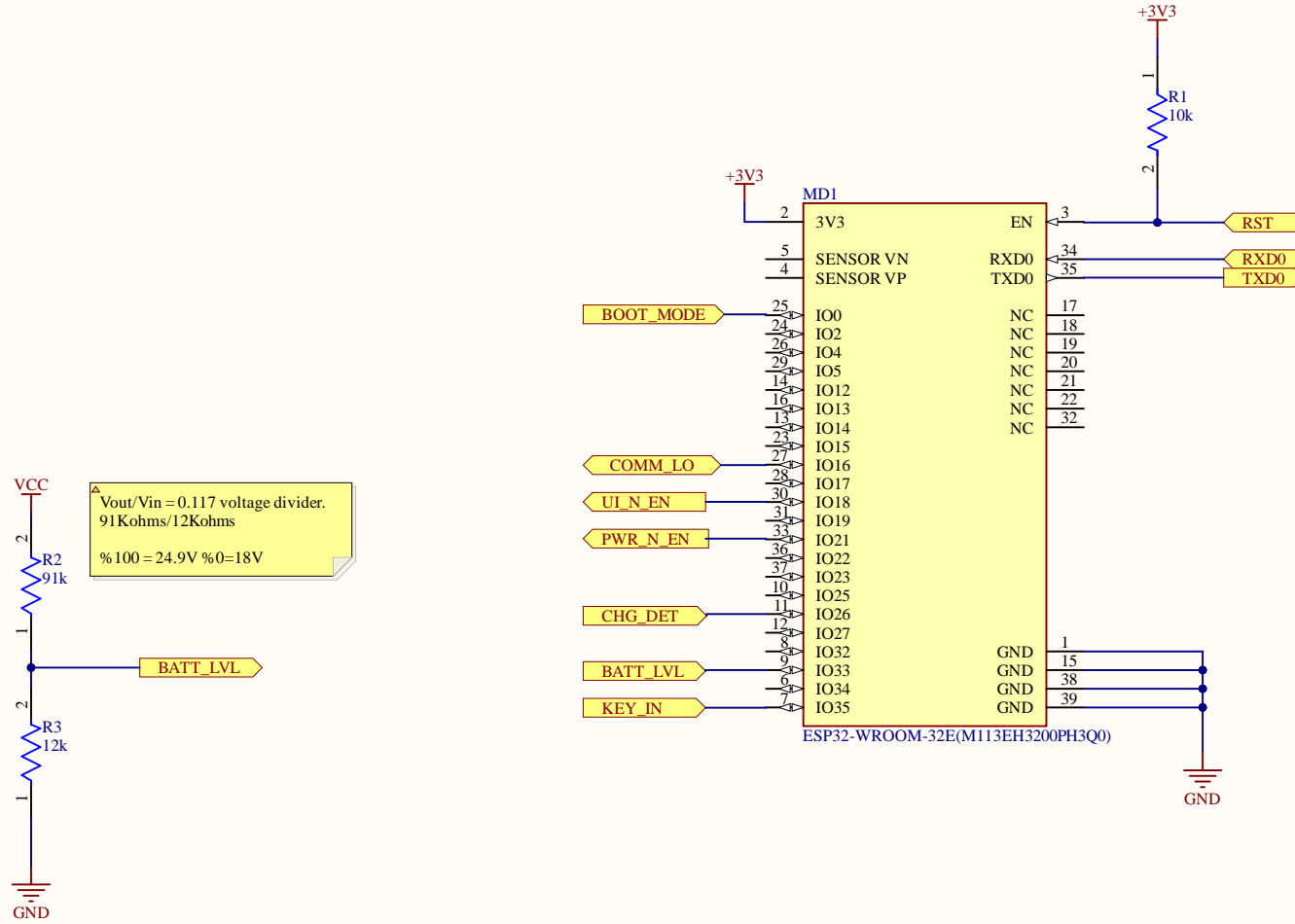
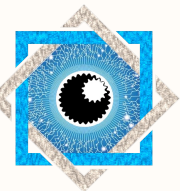
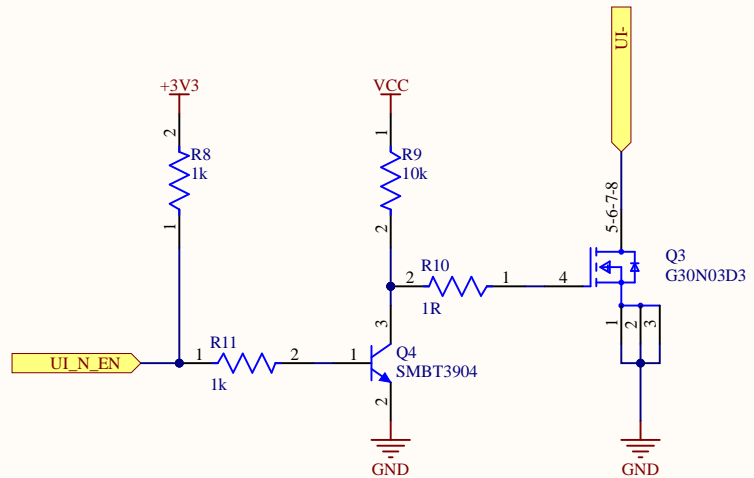
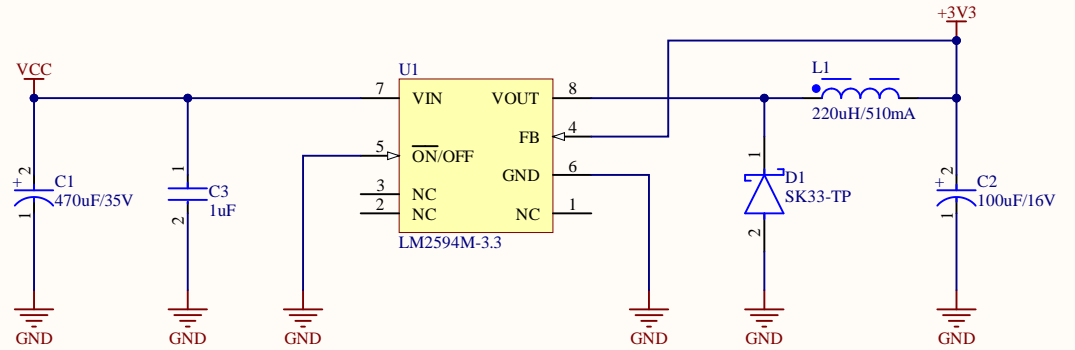
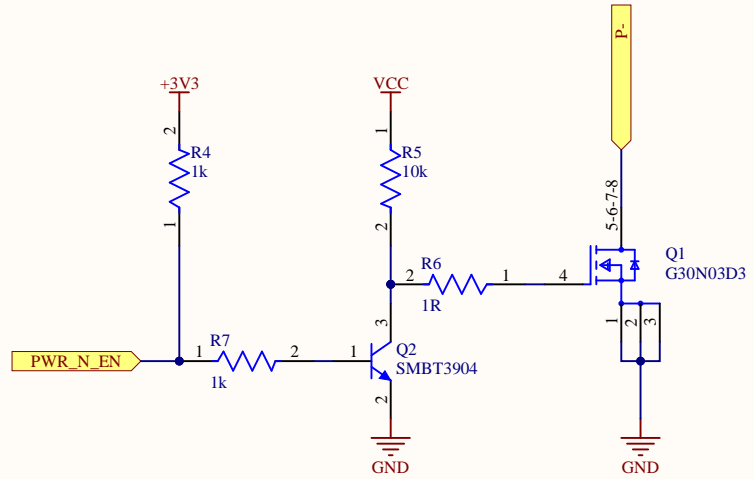



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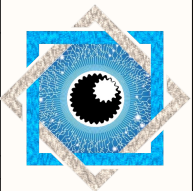


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| Title: XIAOMI G11 Battery Controller | | | |  | D |
| Page Contents: MCU.SchDoc | | | <i>OpenEYE TECH</i> | | |
| Drawn By: Sezgin AÇIKGÖZ | | Checked By: Sezgin AÇIKGÖZ | <i>Kocaeli 41780 Turkey +905322024183</i> | | |
| Size: A4 | Number: 1 | Revision: V0.1 | | | |
| Date: 23.03.2024 | Time: 02:12:13 | Sheet 1 of 5 | | | |
| License: sezginacikgoz@mail.com | | | | | |
| Website: www.openeye.tech | | | | | |
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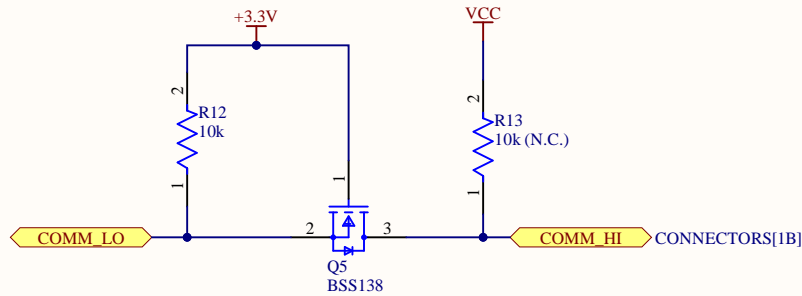
POWER

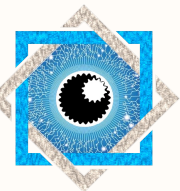


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| Drawn By: Sezgin AÇIKGÖZ | | Checked By: Sezgin AÇIKGÖZ | <i>Kocaeli 41780 Turkey +905322024183</i> | | |
| Size: A4 | Number: 2 | Revision: V0.1 | | | |
| Date: 23.03.2024 | Time: 02:12:13 | Sheet 2 of 5 | | | |
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| Email: sezginacikgoz@mail.com | | Website: www.openeye.tech | | | |
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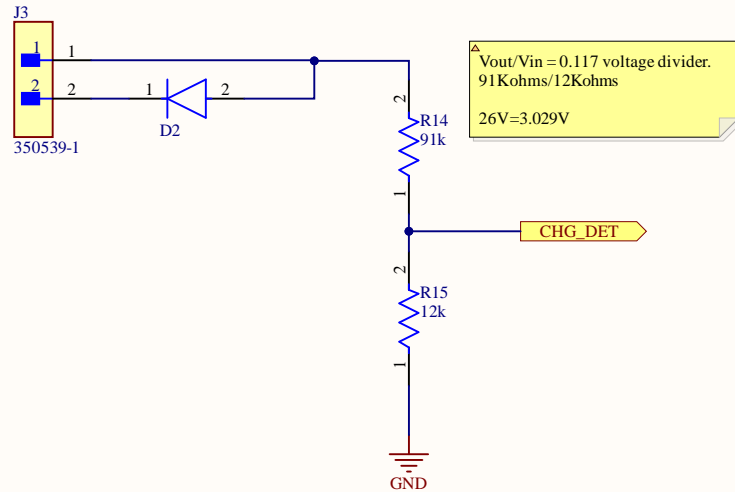
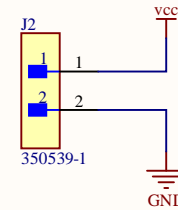
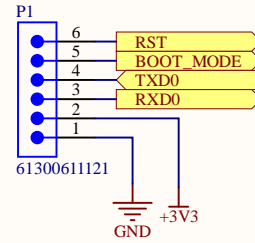
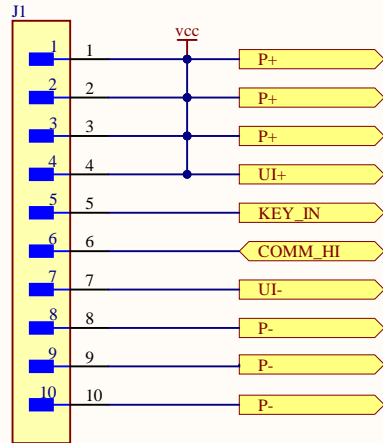


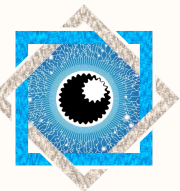
Communication & Level Shifter

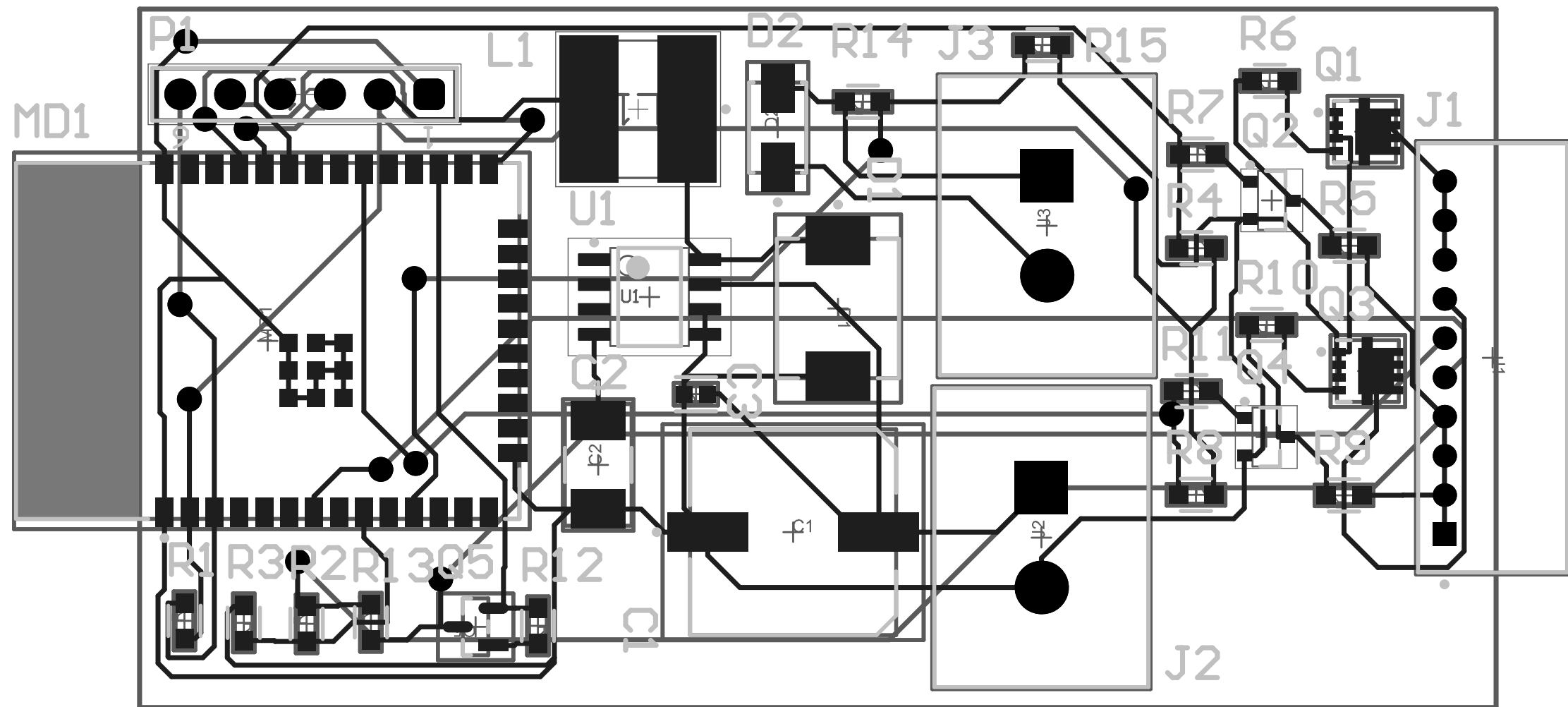


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| Title: XIAOMI G11 Battery Controller | | | |  | D | |
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| Drawn By: Sezgin AÇIKGÖZ | | Checked By: Sezgin AÇIKGÖZ | | | | <i>Kocaeli</i> |
| Size: A4 | Number: 3 | Revision: V0.1 | | | | <i>41780</i> |
| Date: 23.03.2024 | Time: 02:12:13 | Sheet 3 of 5 | | | | <i>Turkey</i> |
| | | | | | | <i>+905322024183</i> |
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| Email: sezginacikgoz@mail.com | | | Website: www.openeye.tech | | | |
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Connectors



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| Page Contents: CONNECTORS.SchDoc | | | OpenEYE TECH | | | |
| Drawn By: Sezgin AÇIKGÖZ | | Checked By: Sezgin AÇIKGÖZ | | | | |
| Size: A4 | Number: 4 | Revision: V0.1 | Kocaeli 41780 | | | |
| Date: 23.03.2024 | Time: 02:12:13 | Sheet 4 of 5 | Turkey +905322024183 | | | |
| License: | | | | | | |
| Email: sezginacikgoz@mail.com | | | Website: www.openeye.tech | | | |
| File: C:\Users\swift\Desktop\Workspace\OpenEYE TECH\Projelerim\XIAMO_G11_BATTERY\HARDWARE\G11 Battery Control | | | | | | |



| 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 | |