



Thunderboard Sense

EFR32MG12P332F1024GL125

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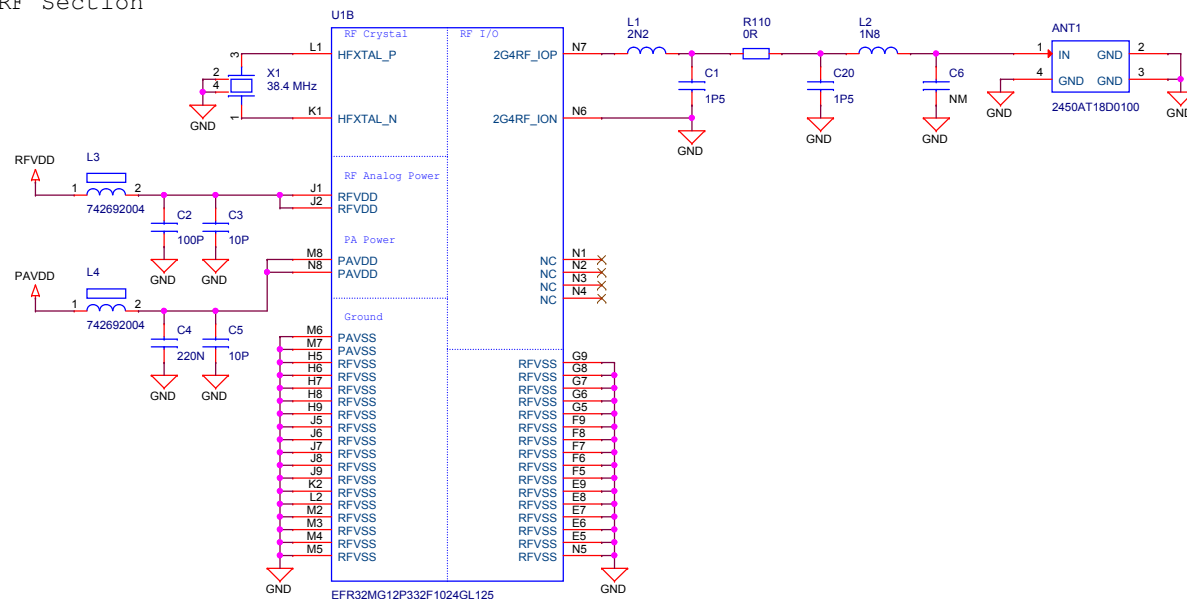


Revision History

Rev.	Description
A00	Initial prototype version.
B00	Updated EFR32 and debugger IC revisions. Replaced analog microphone with an I2S-based digital one.
B01	Changed microphone to Knowles SPH0645LM4H-B
C00	Updated microphone and SPI Flash pinout. Changed to Invensense microphone and 9-axis IMU.
C01	Updated hall effect sensor (si7210) revision.
D00	Changed back to Invensense 6-axis IMU.

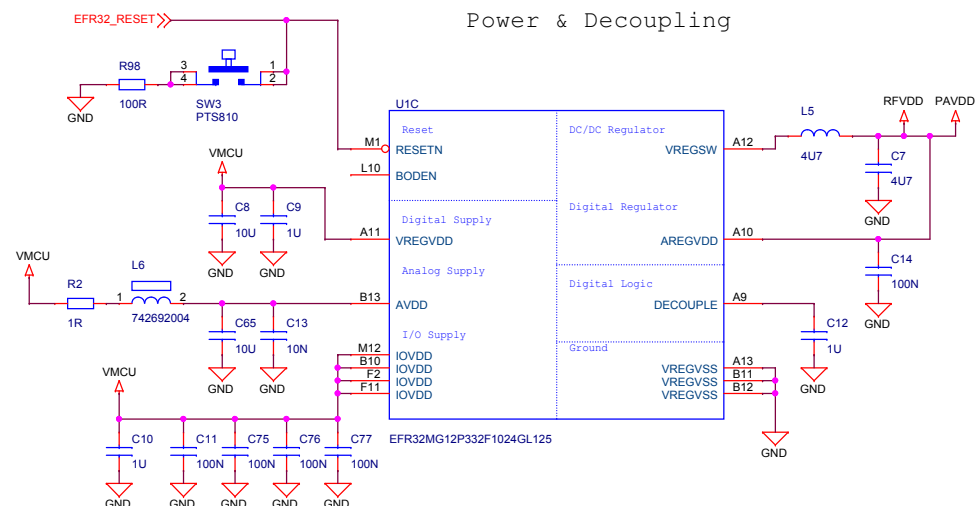
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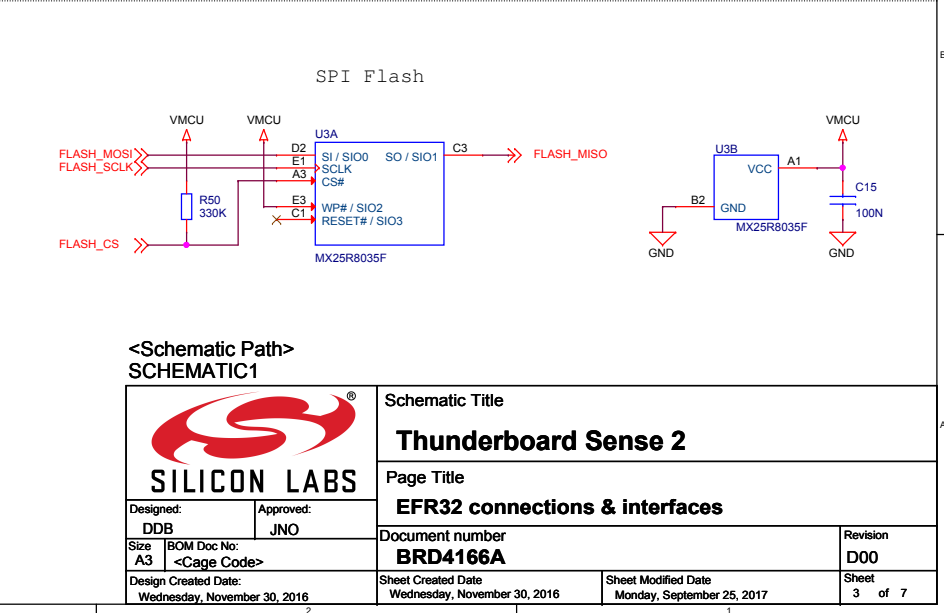
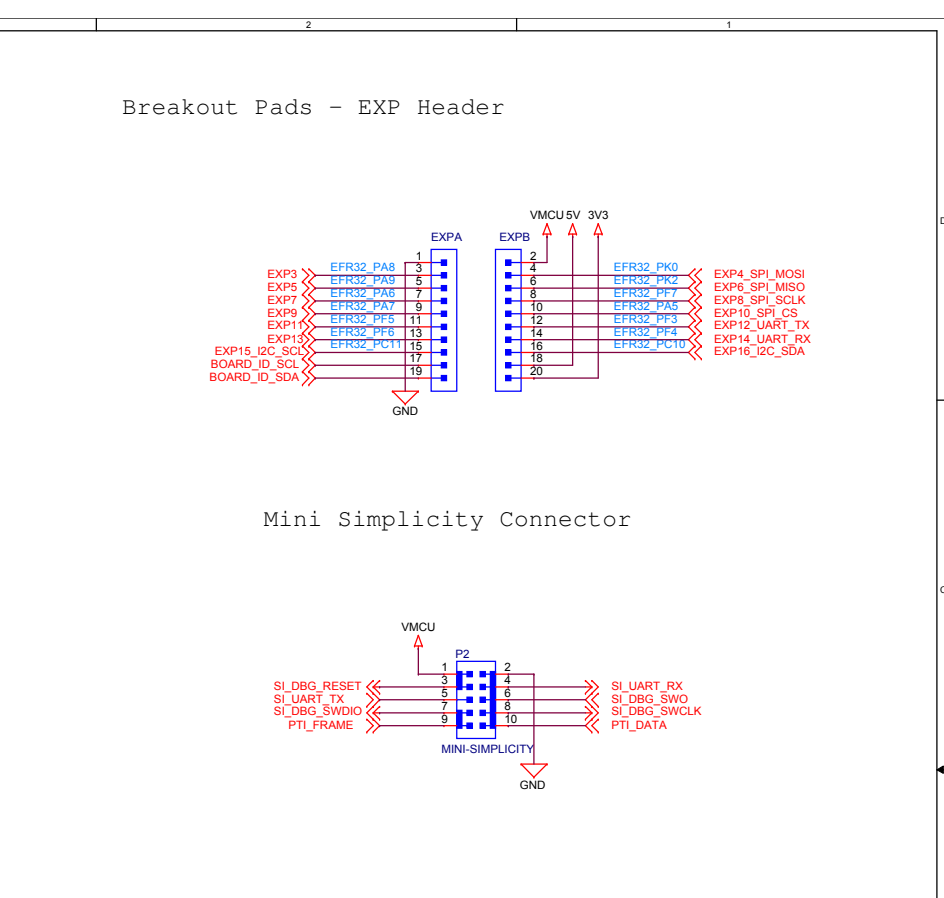
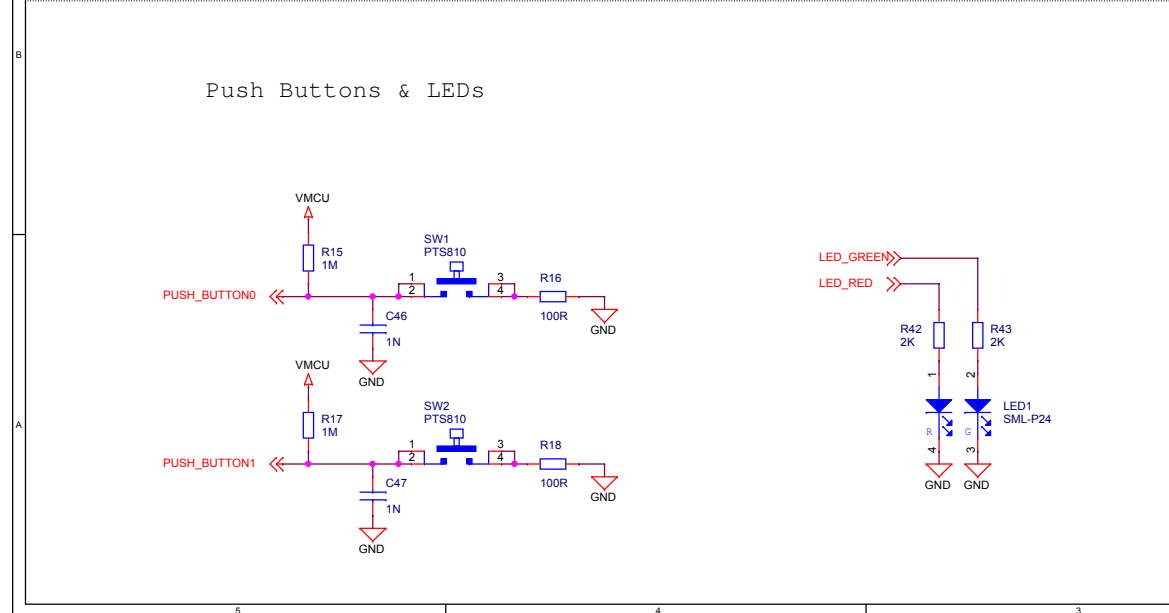
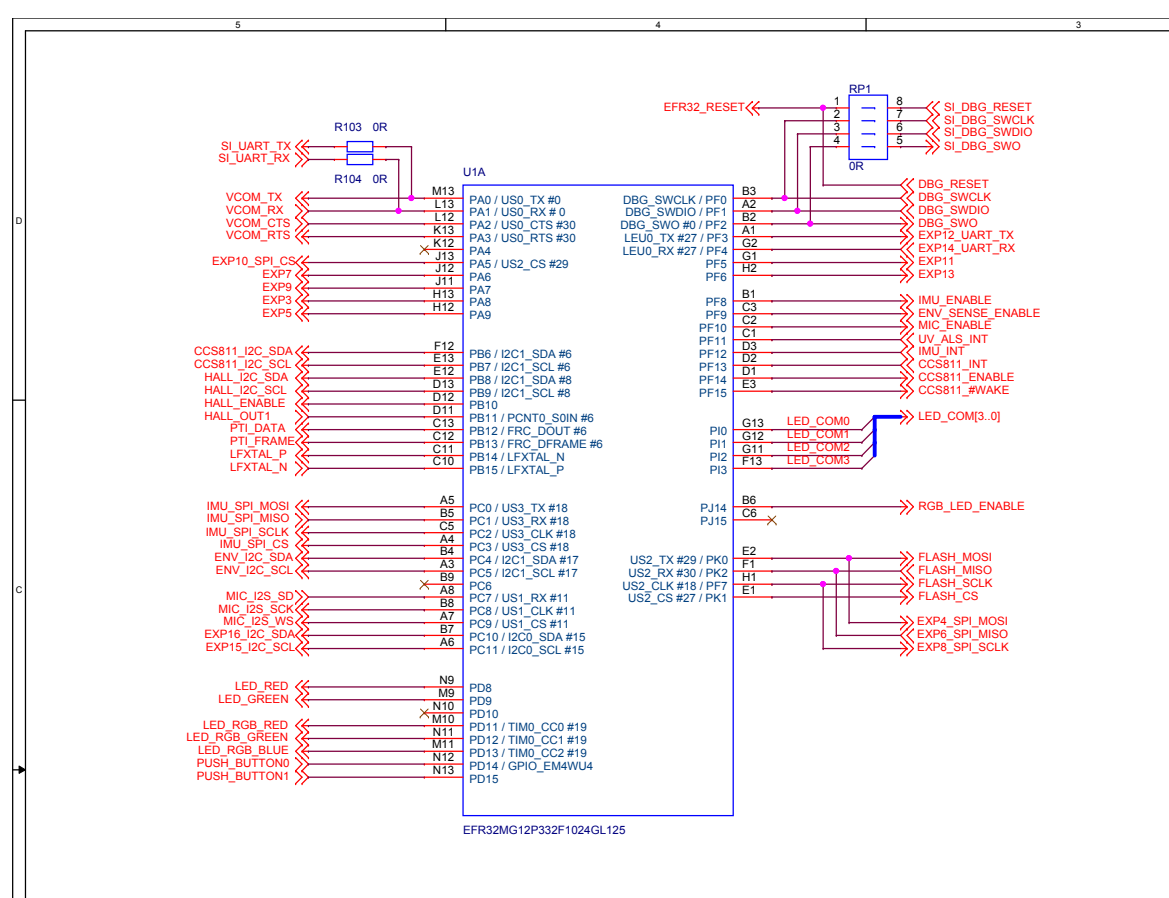
M1 2.2 MM

M2 2.2 MM



Power & Decoupling

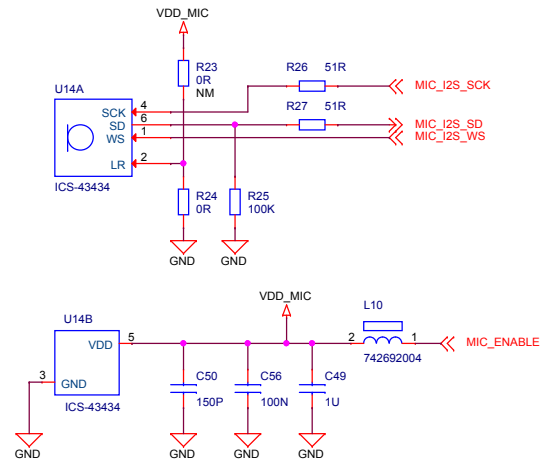
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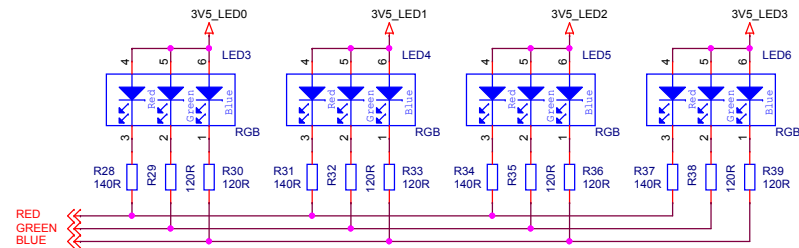
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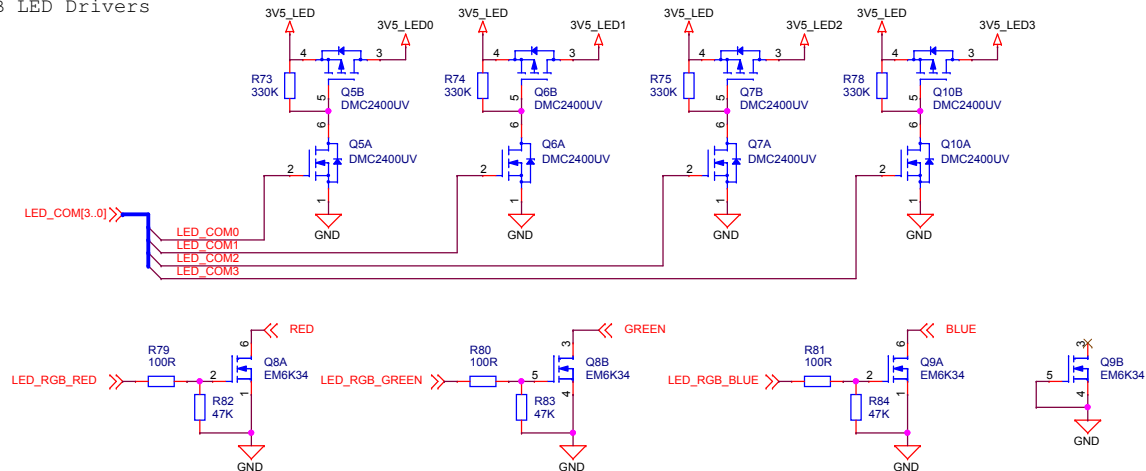
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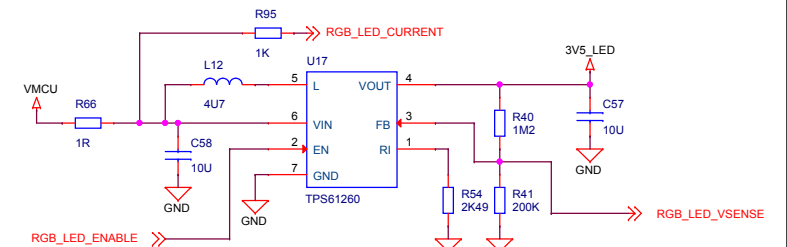
RGB LEDs



RGB LED Drivers



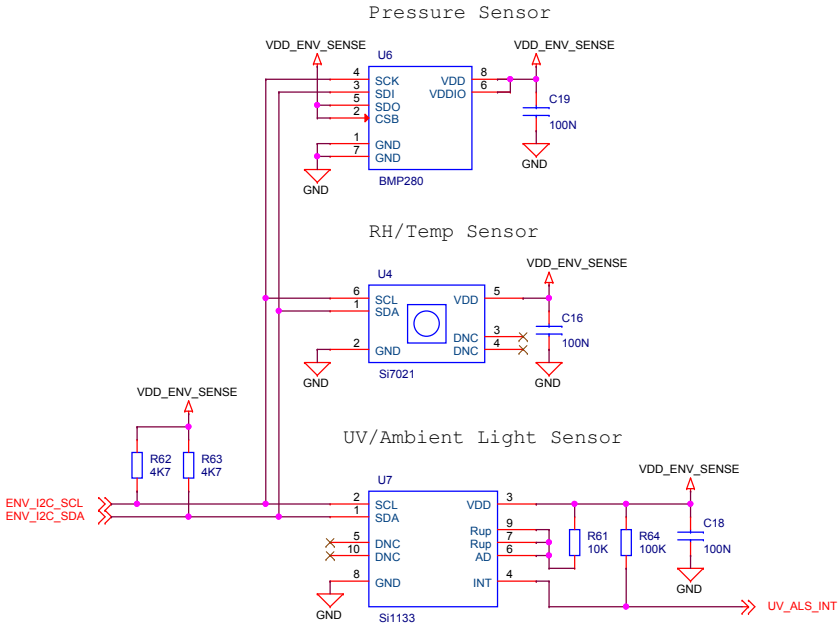
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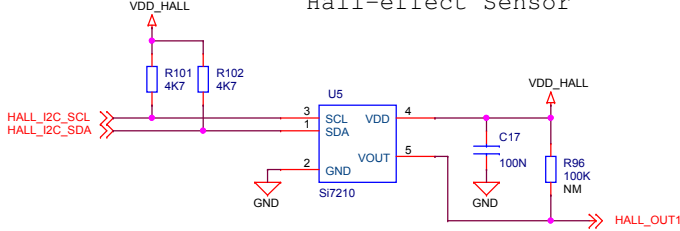
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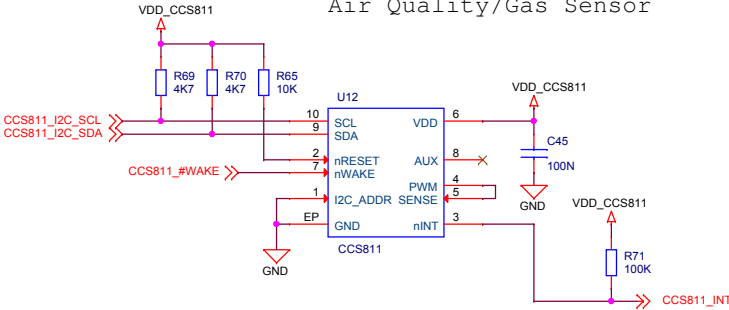
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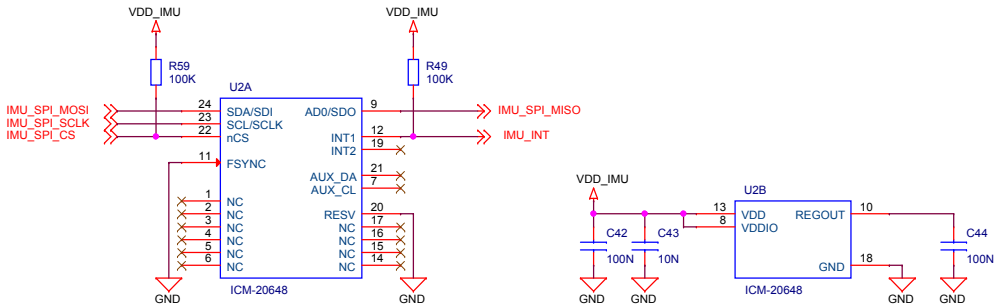
Hall-effect Sensor



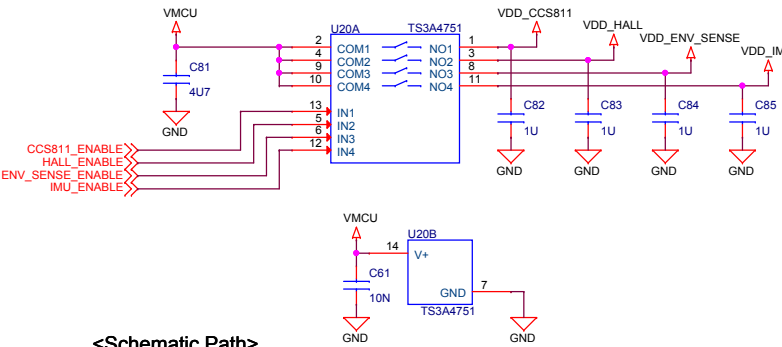
Air Quality/Gas Sensor



6-axis inertial sensor



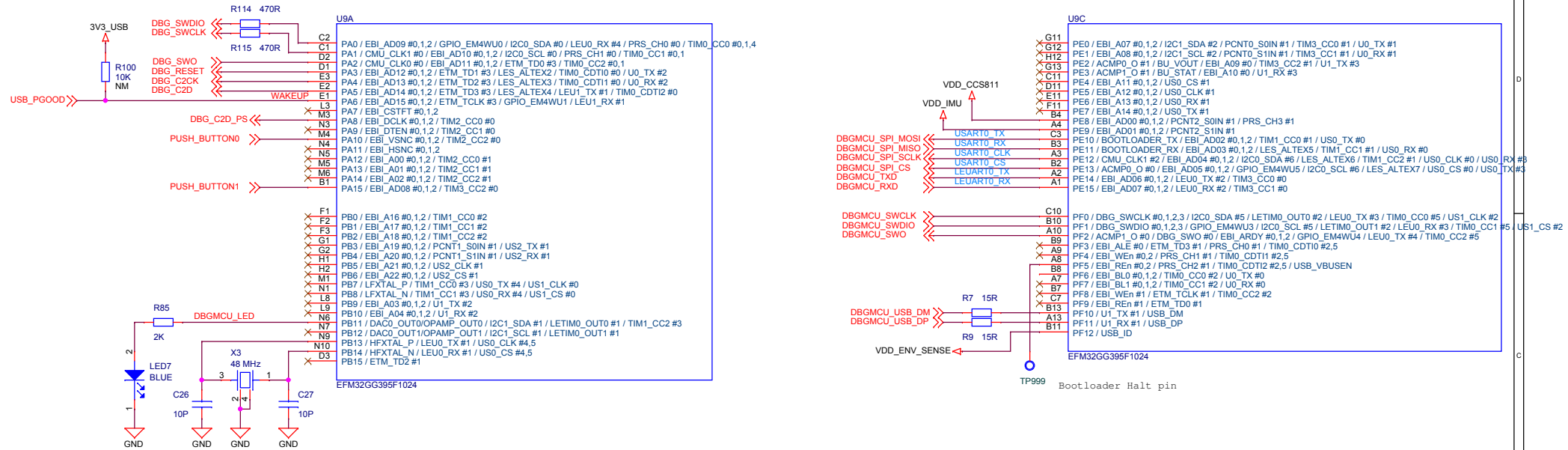
Sensor Power Control

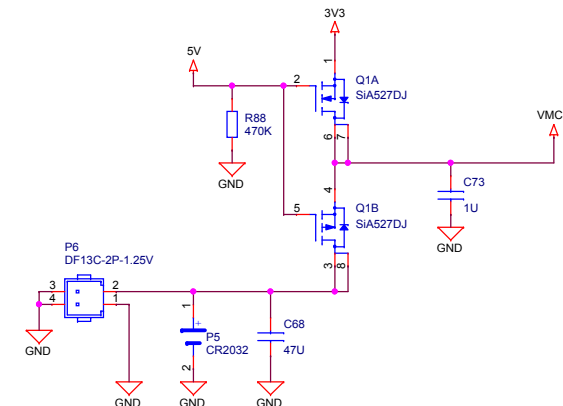
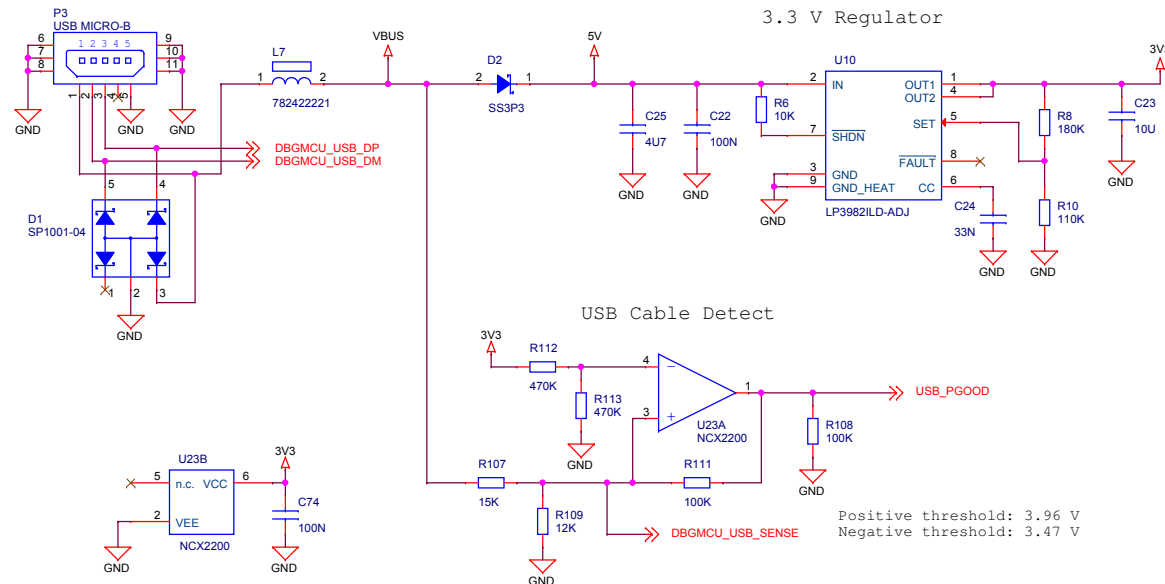


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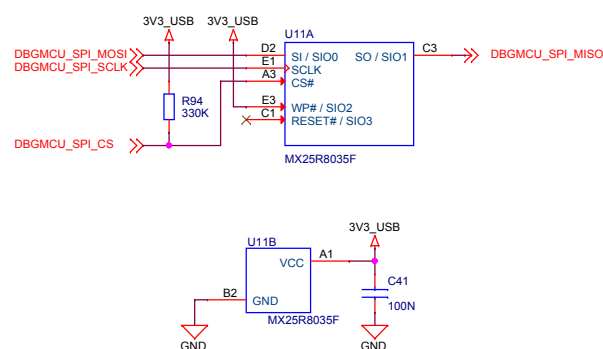
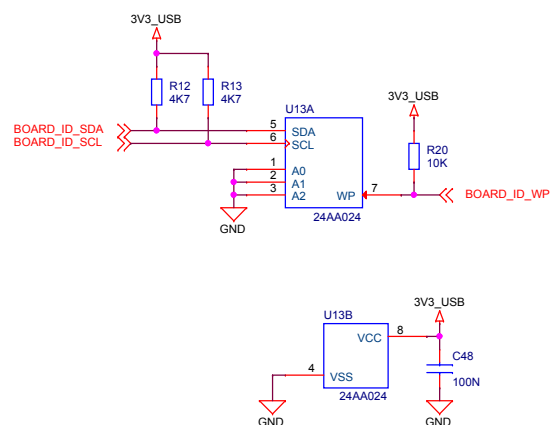
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Debug MCU Connections

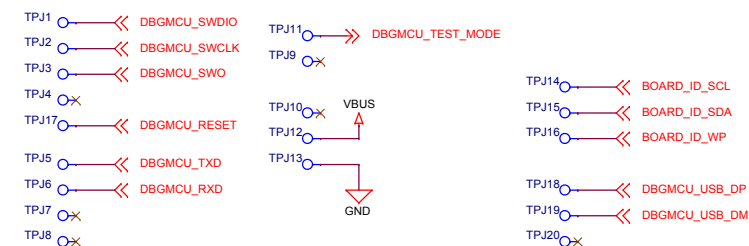




Additionally, the Mini Simplicity Debug connector can supply power directly to the target voltage domain.



Test Points



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