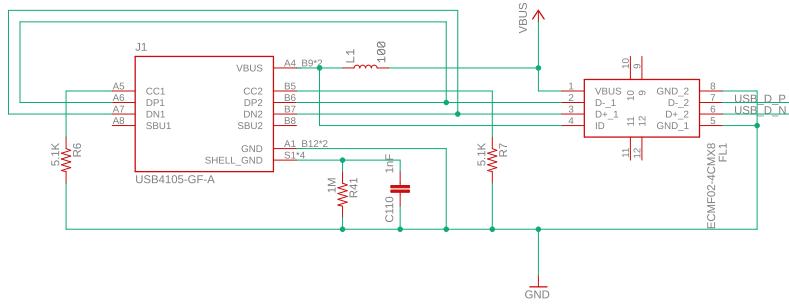


USB Connector



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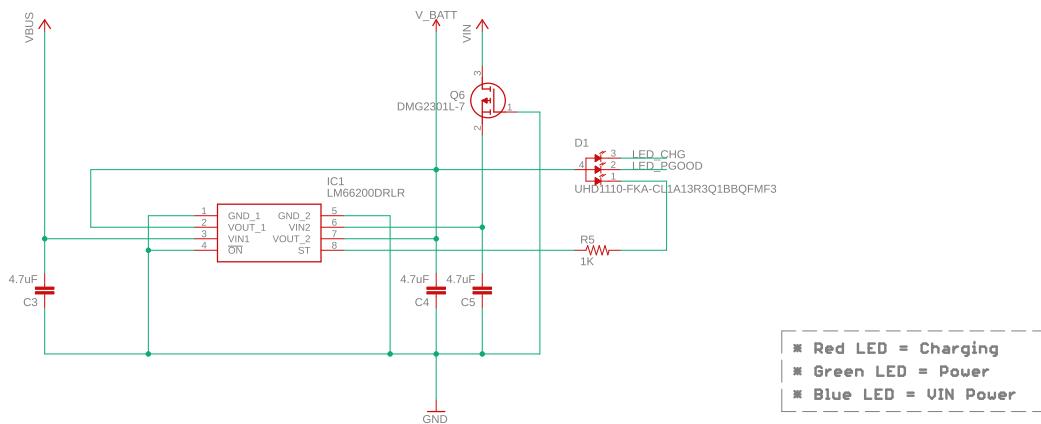
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Ideal Diode



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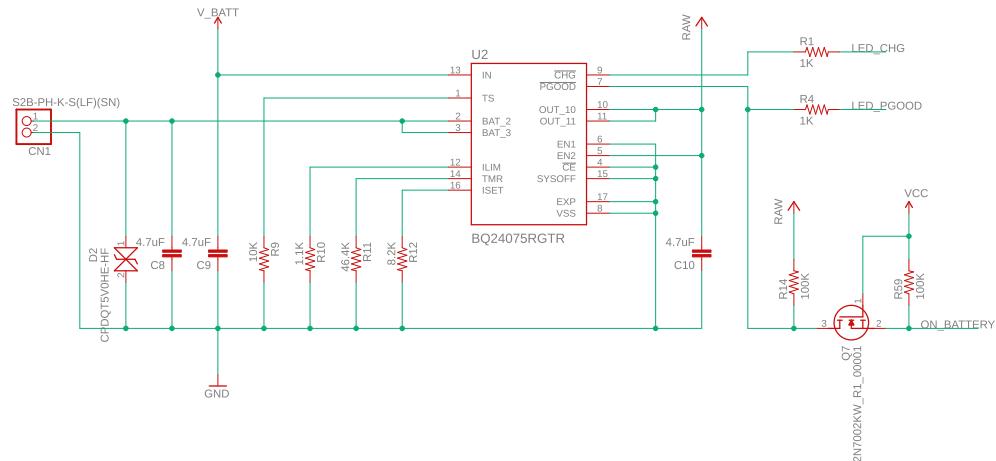
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Battery Charging



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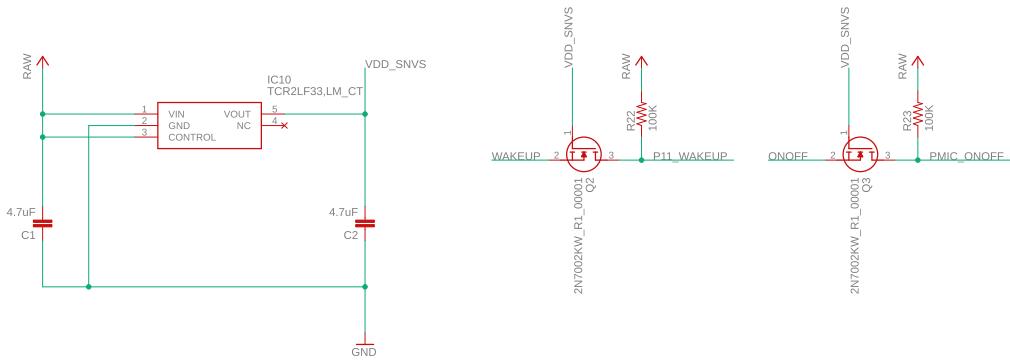
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SNVS Reg



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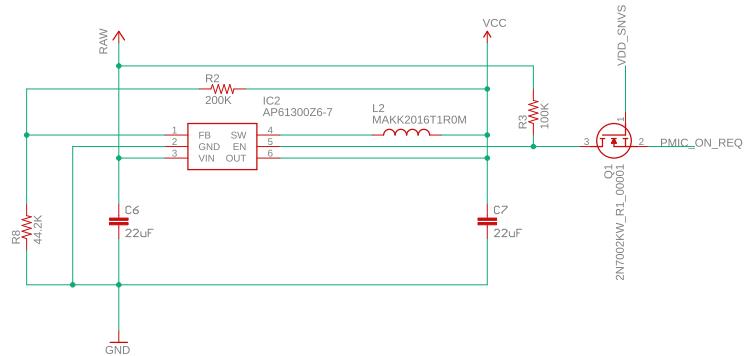
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Main Regulator



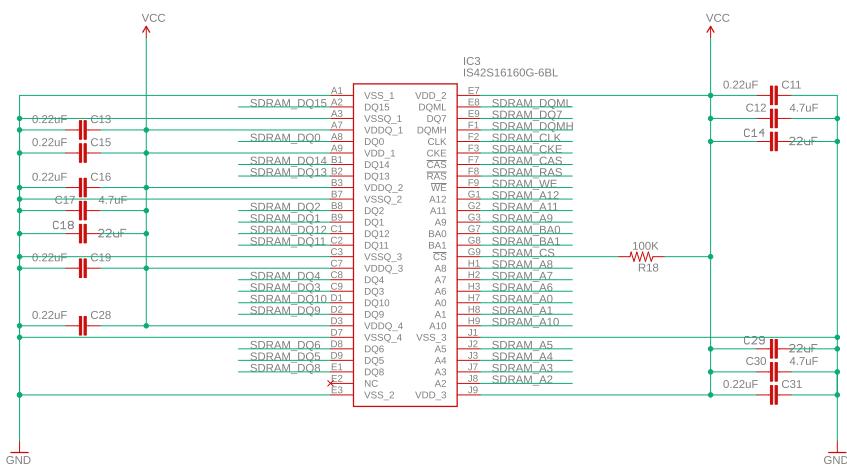
* PMIC_REG_ON is level shifted to ensure regulator goes into PFM mode

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16-BIT SDRAM

* CKE is pulled down by 100K on the RT1060



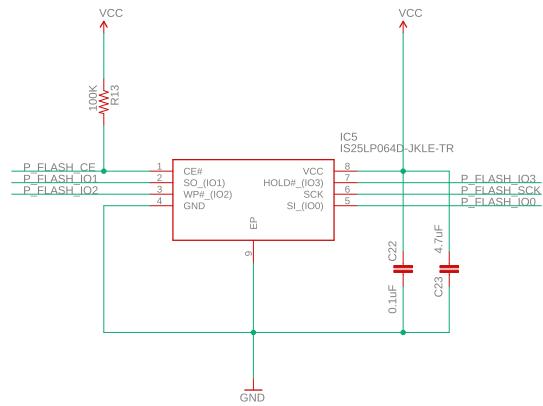
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Program QSPI Flash



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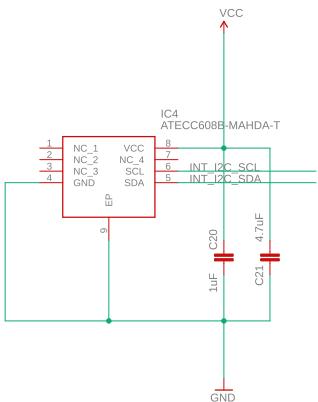
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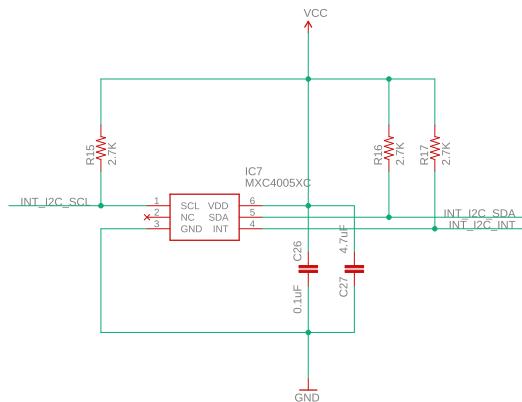
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Security



Accelerometer



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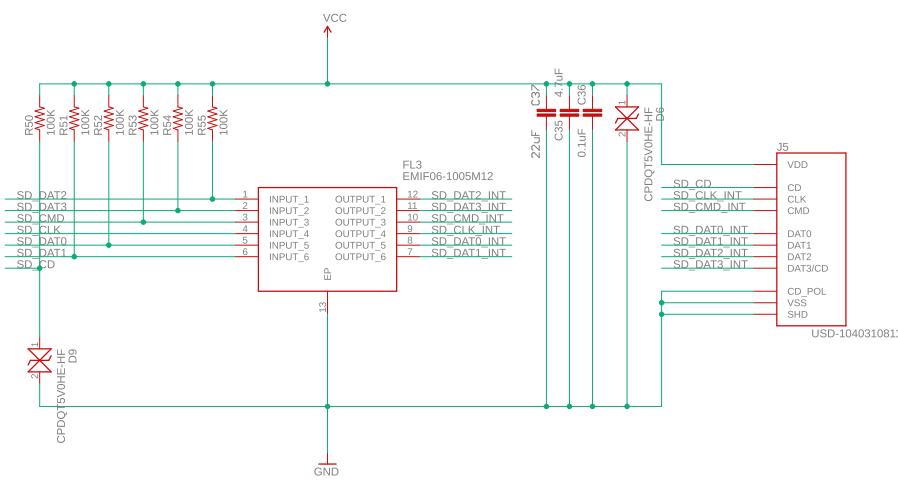
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SD CARD



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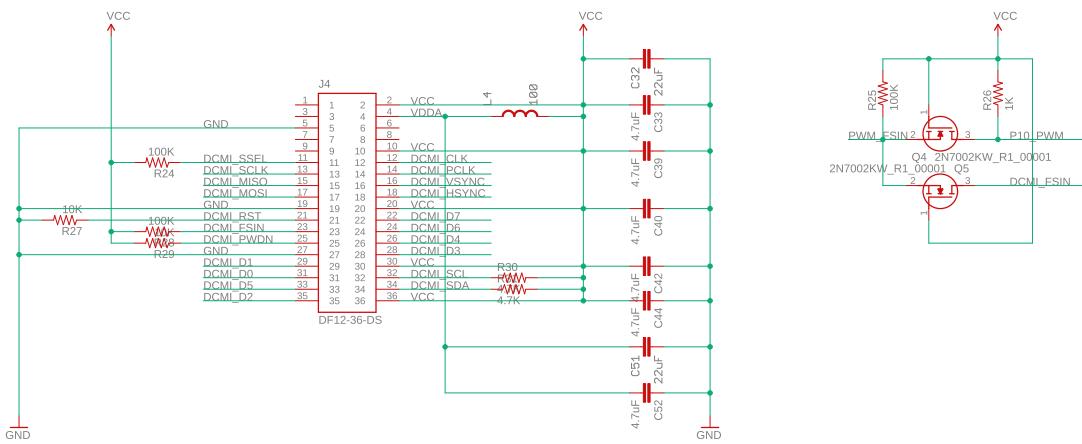
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IMAGE SENSOR CONNECTOR



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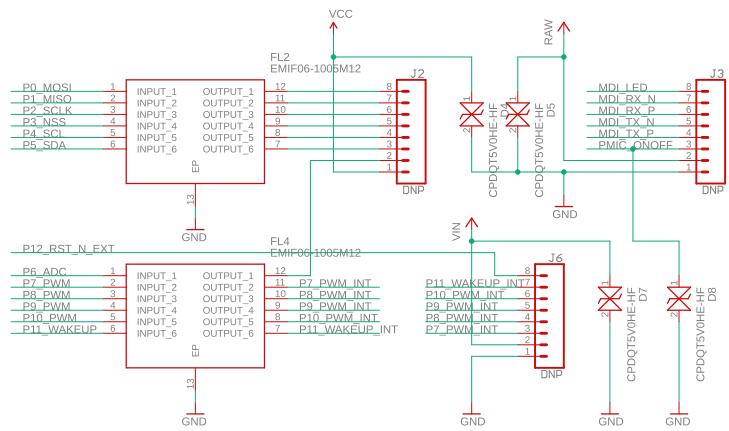
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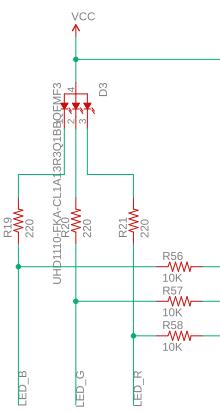
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I/O HEADERS



RGB LED



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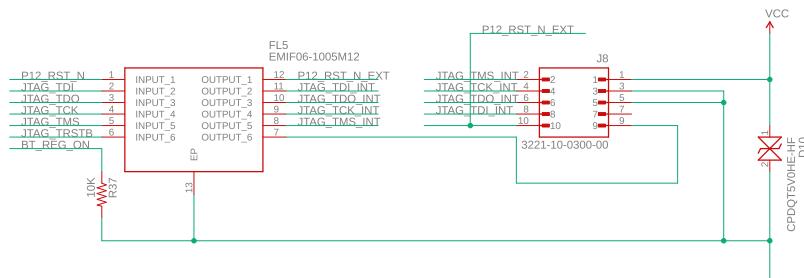
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JTAG

* JTAG_MOD is used for BT_REG_ON - the pin is sampled on the rising edge of reset and is pulled low by 10K



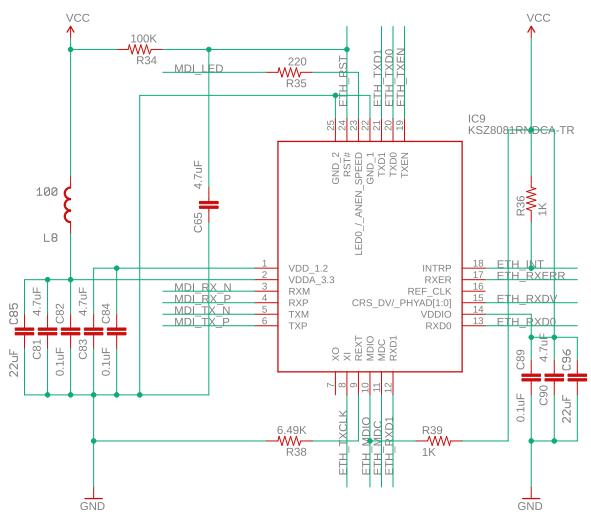
* The JTAG Interface is designed to connect to the SEGGER 9-Pin Cortex-M Adapter

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Ethernet

* 8KV ESD Protection on MDI pins and the LED pin



Mechanical



H1 MOUNT-PAD-ROUND2.8

H2 MOUNT-PAD-ROUND2.8



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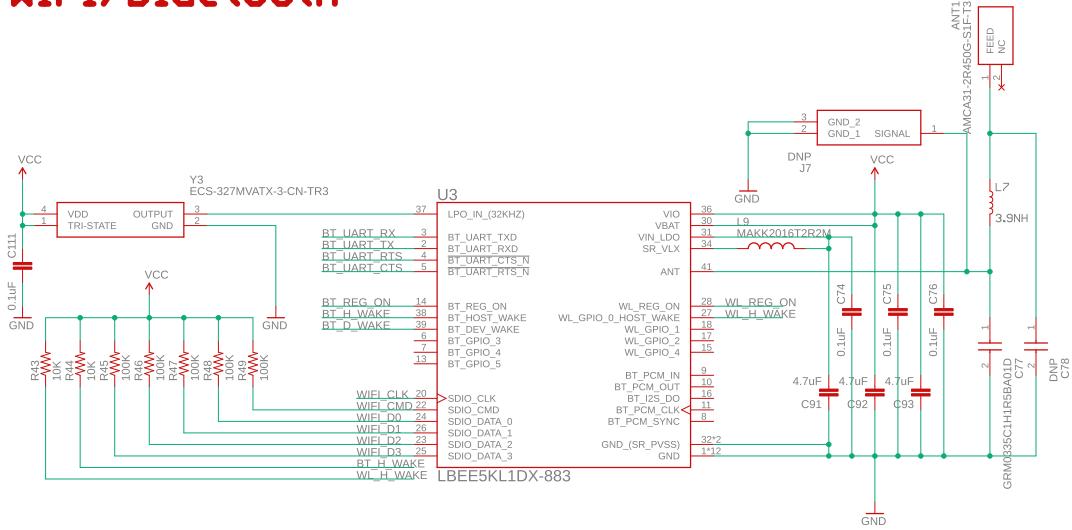
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WiFi/Bluetooth



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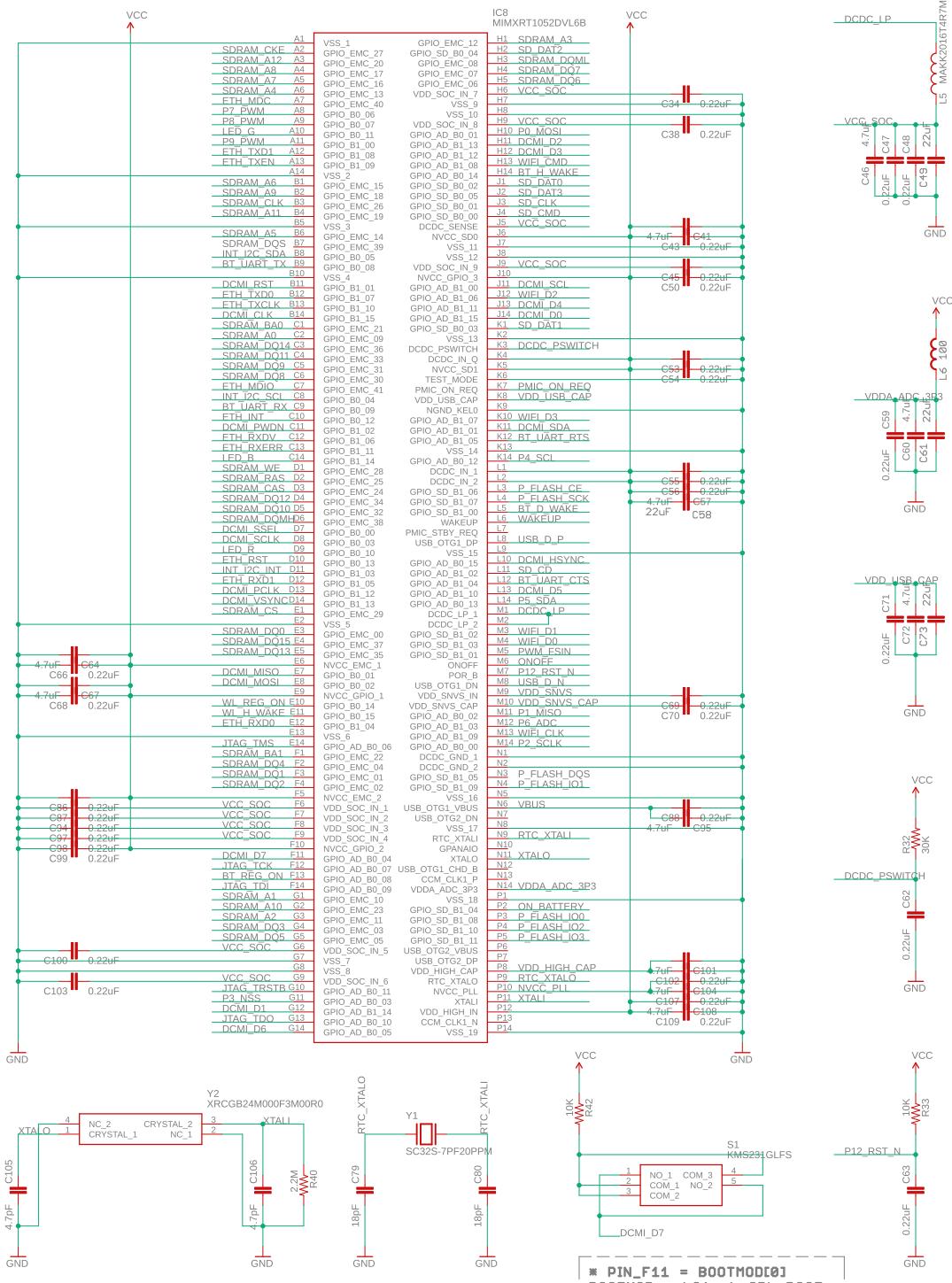
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MIMXRT10XX



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