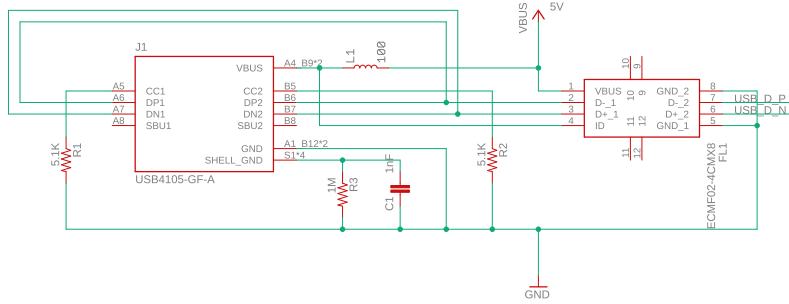


## USB Connector



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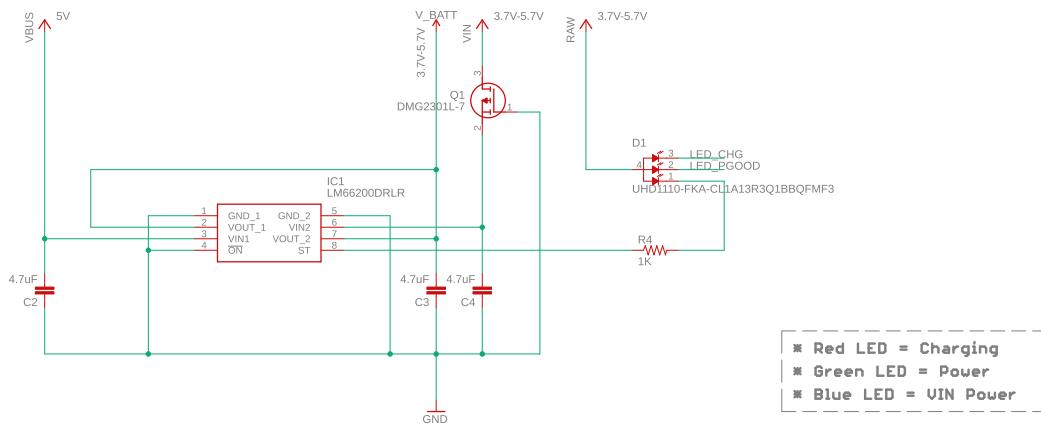
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## Ideal Diode



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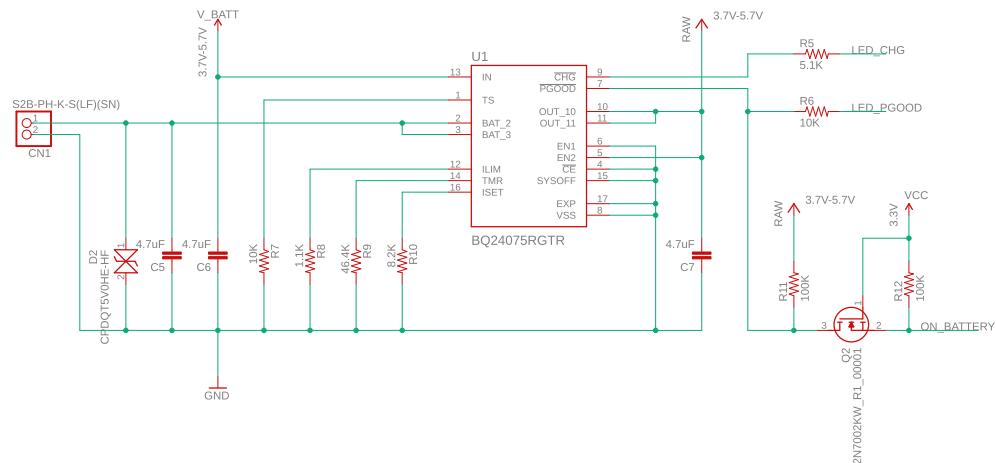
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## Battery Charging



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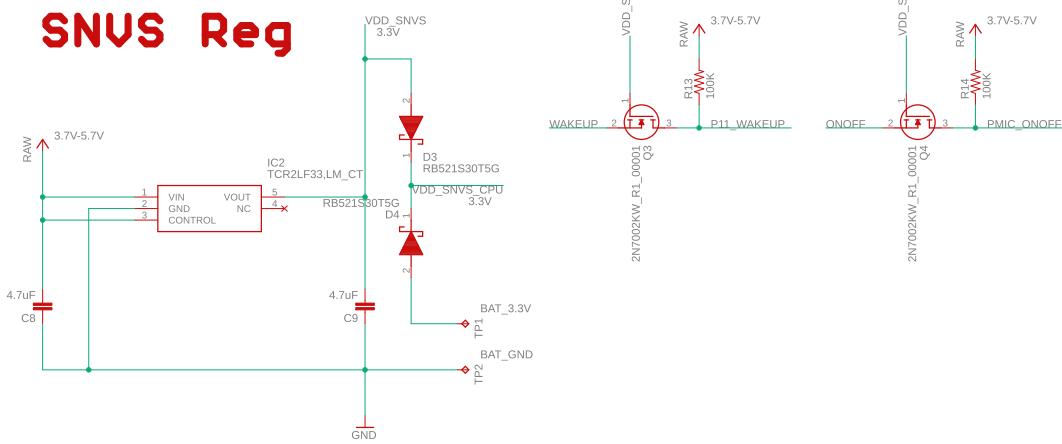
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## SNVS Reg



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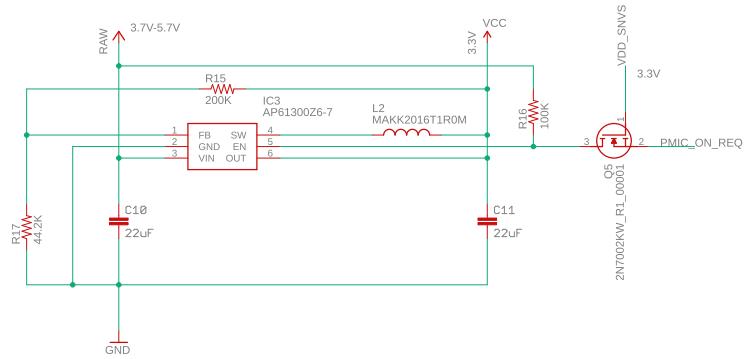
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## Main Regulator



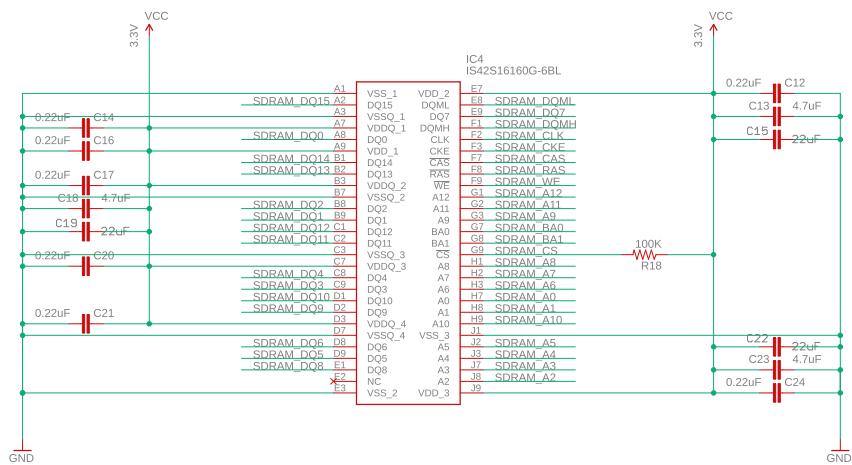
\* PMIC\_REG\_ON is level shifted to ensure regulator goes into PFM mode

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# 16-BIT SDRAM

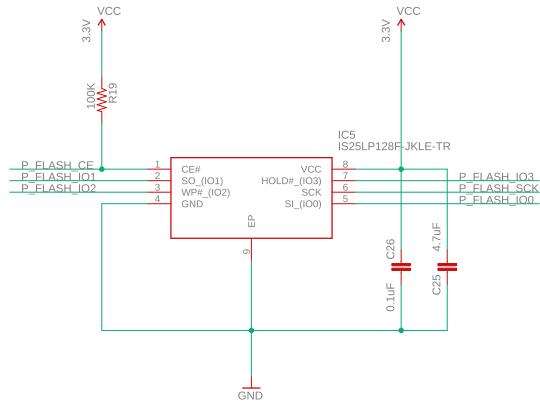
\* CKE is pulled down by 100K on the RT1060



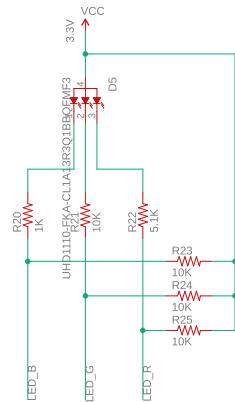
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## Program QSPI Flash



## RGB LED



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TITLE: rt1060r2

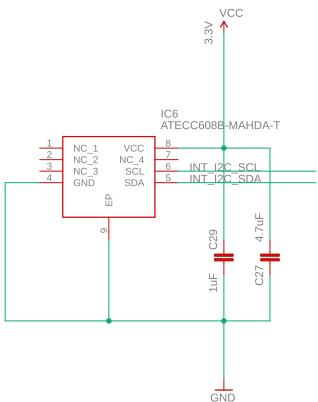
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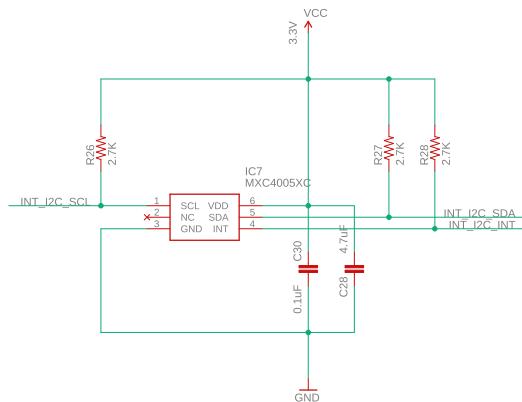
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## Security



## Accelerometer



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TITLE: rt1060r2

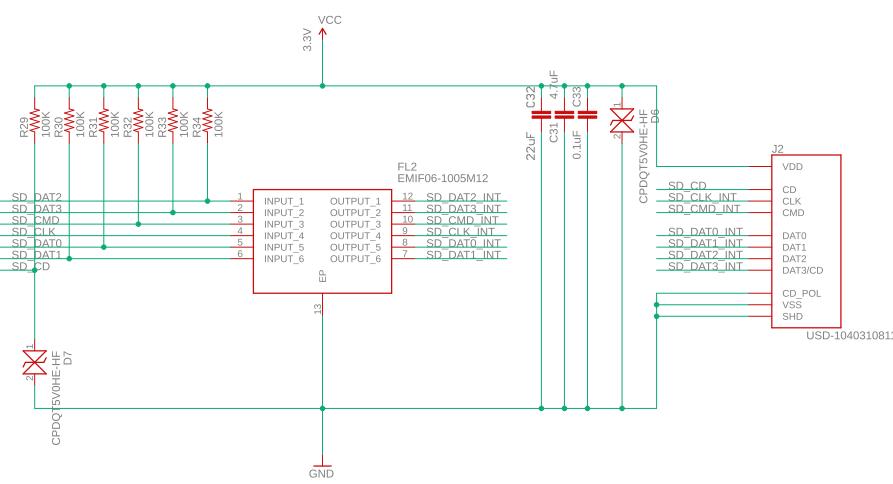
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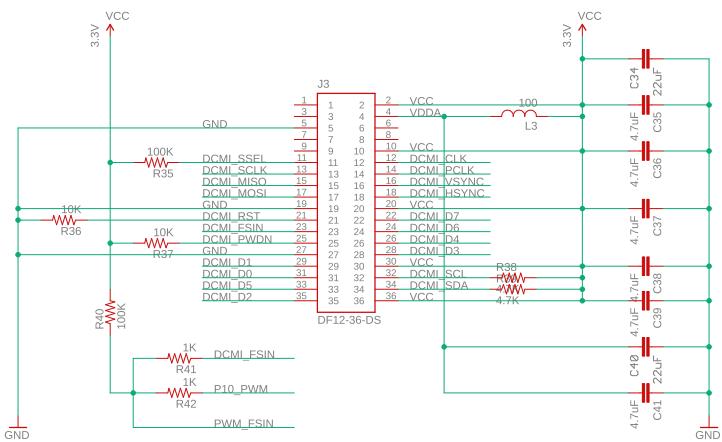
**SD CARD**



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# IMAGE SENSOR CONNECTOR



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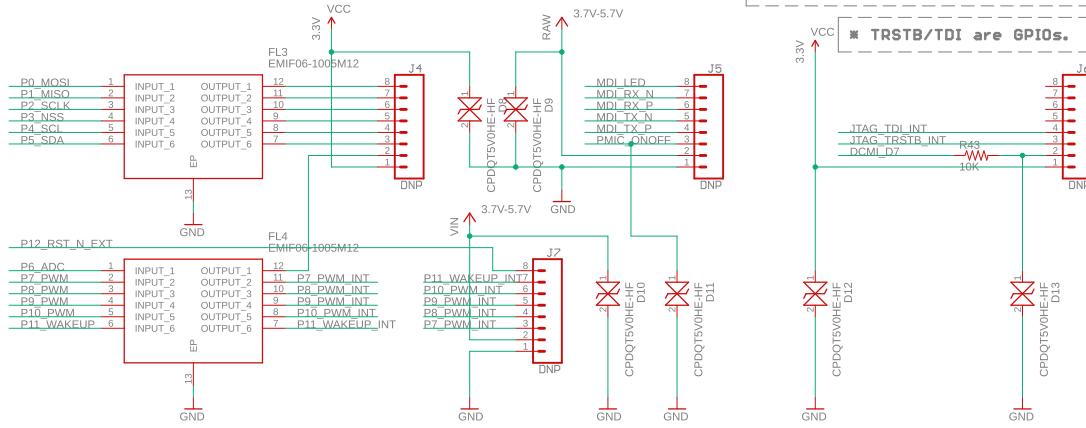
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# I/O HEADERS



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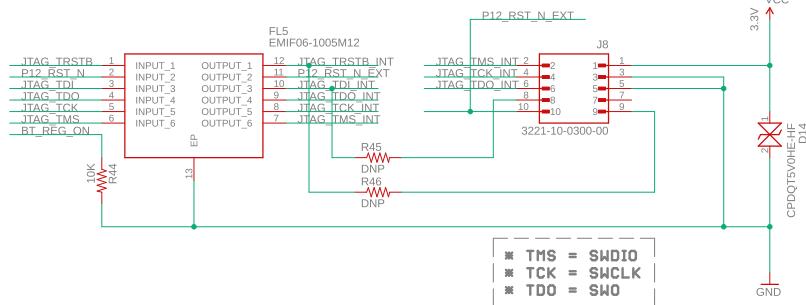
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## JTAG

\* 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.

\* Note that JTAG is disabled on the RT1060 by default. Only SWD works.  
Given this those I/O pins are routed to the external header.  
A fuse must be blown to switch to JTAG which disables SWD.

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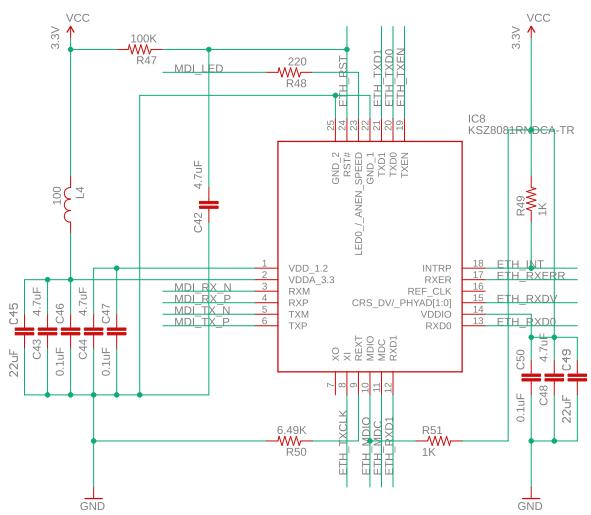
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## Ethernet

\* 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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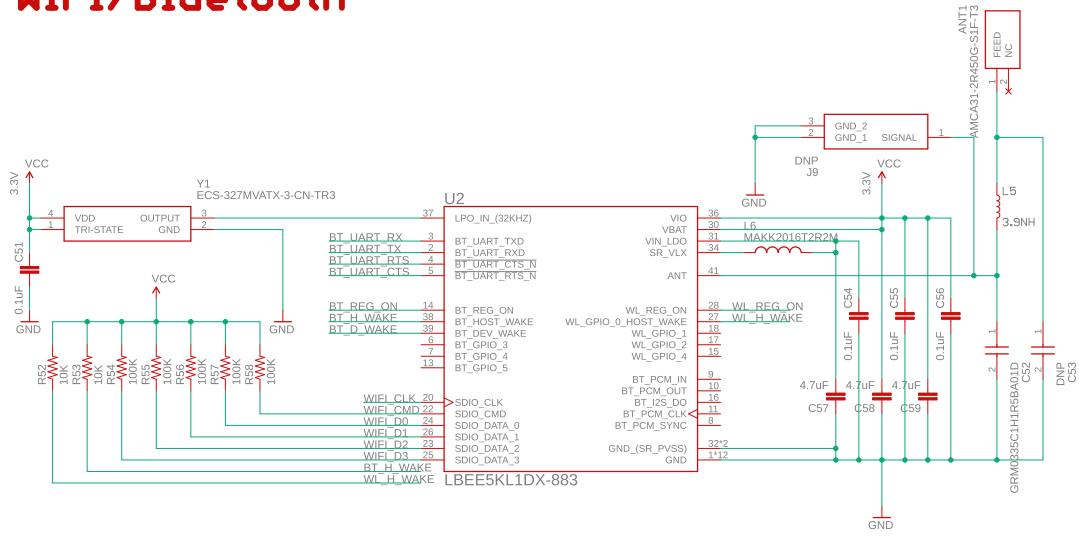
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## WiFi/Bluetooth



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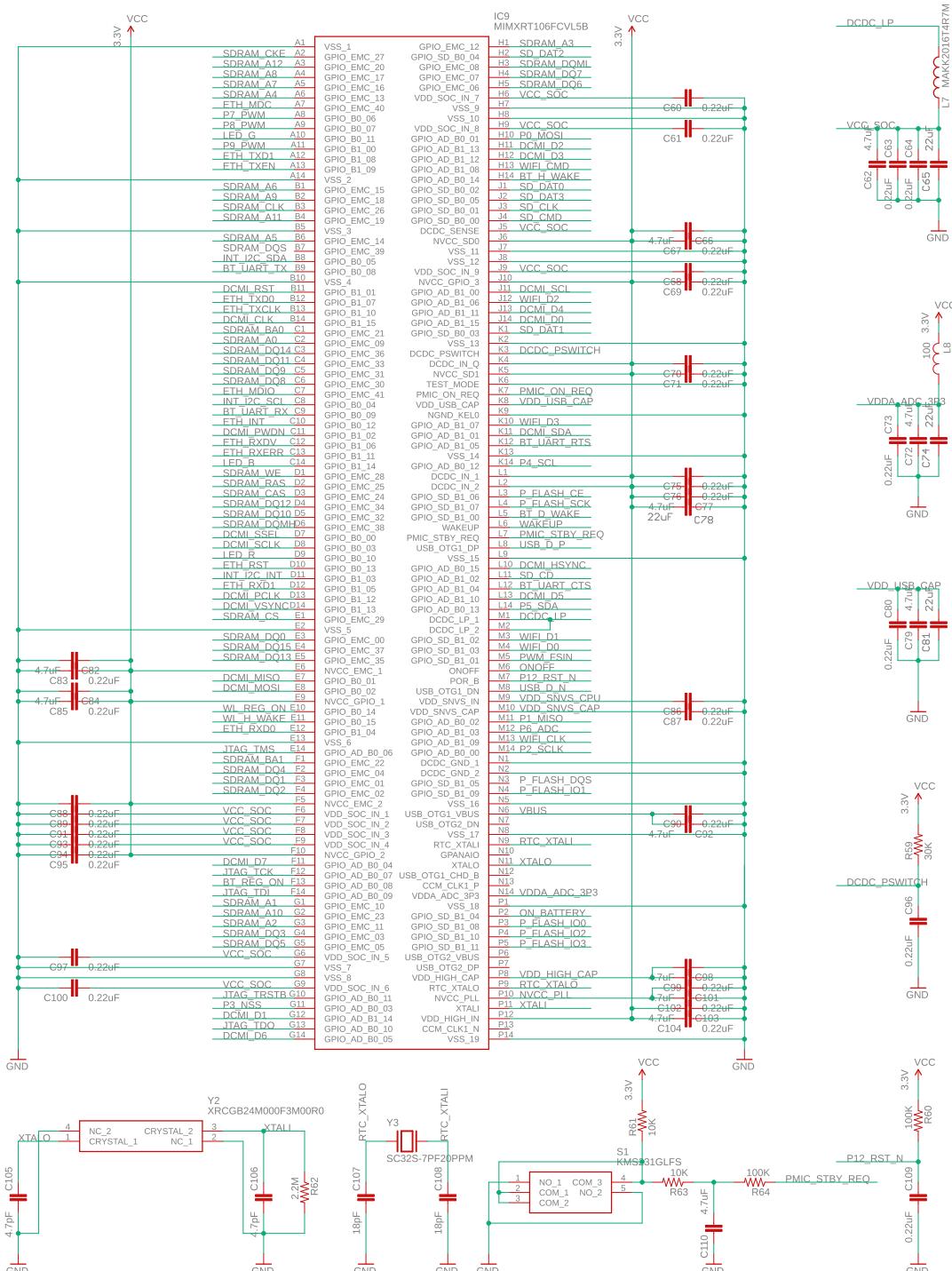
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# MIMXRT1062



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