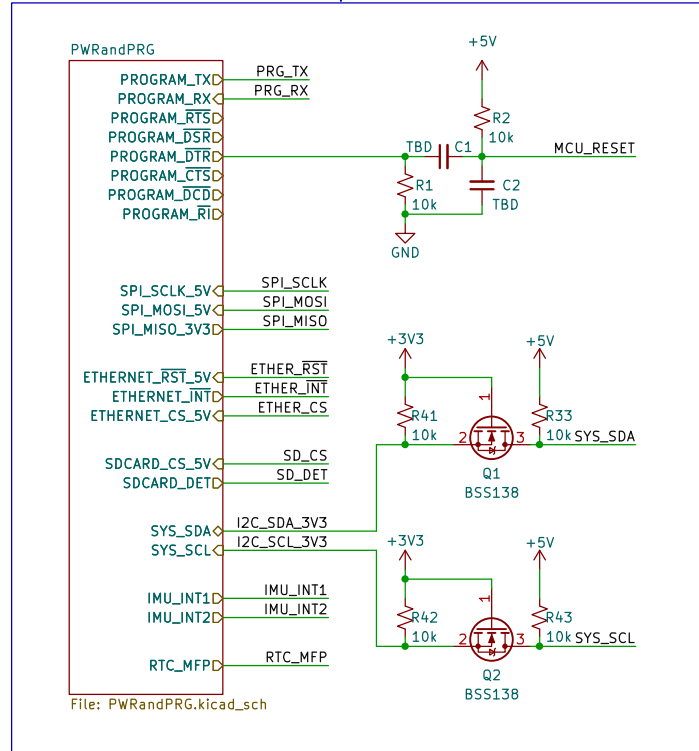
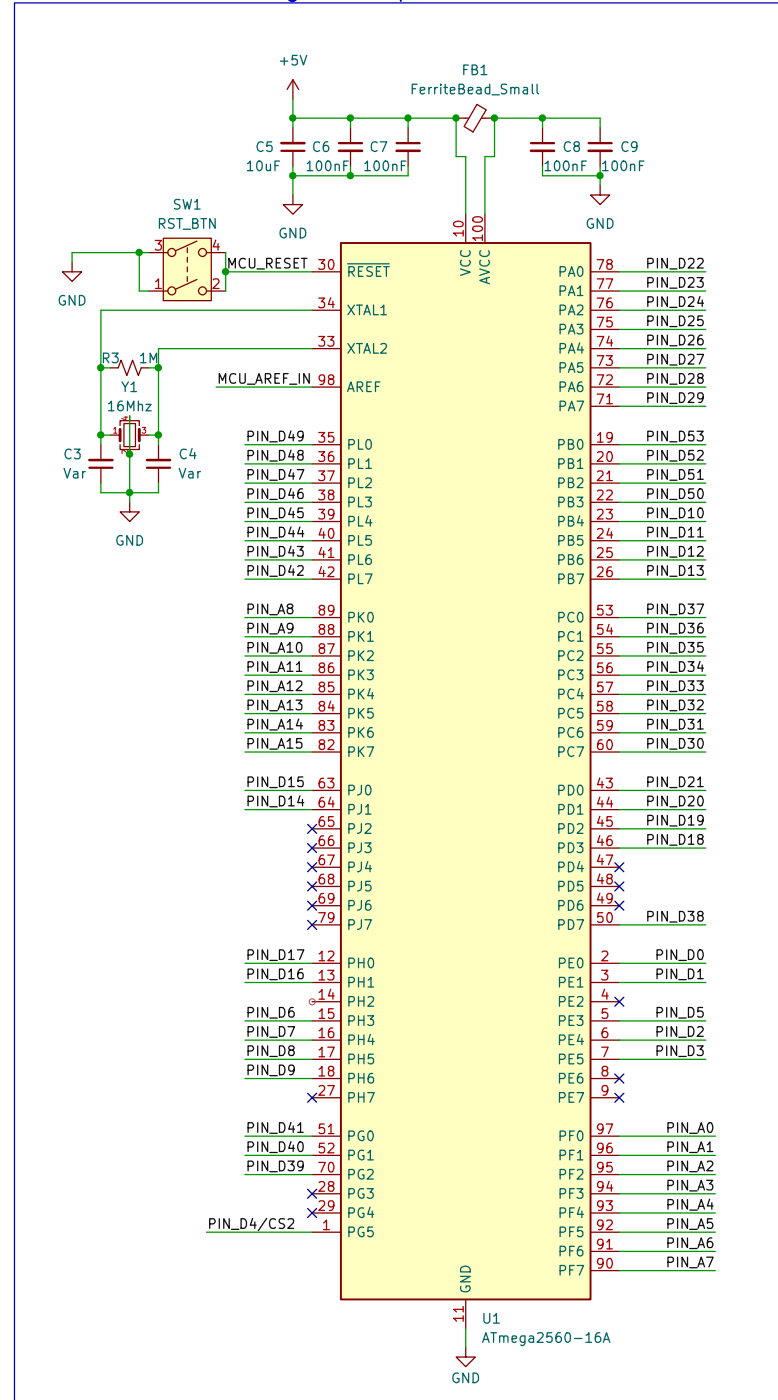


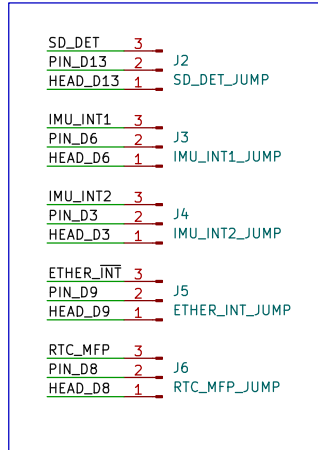
## Peripherals



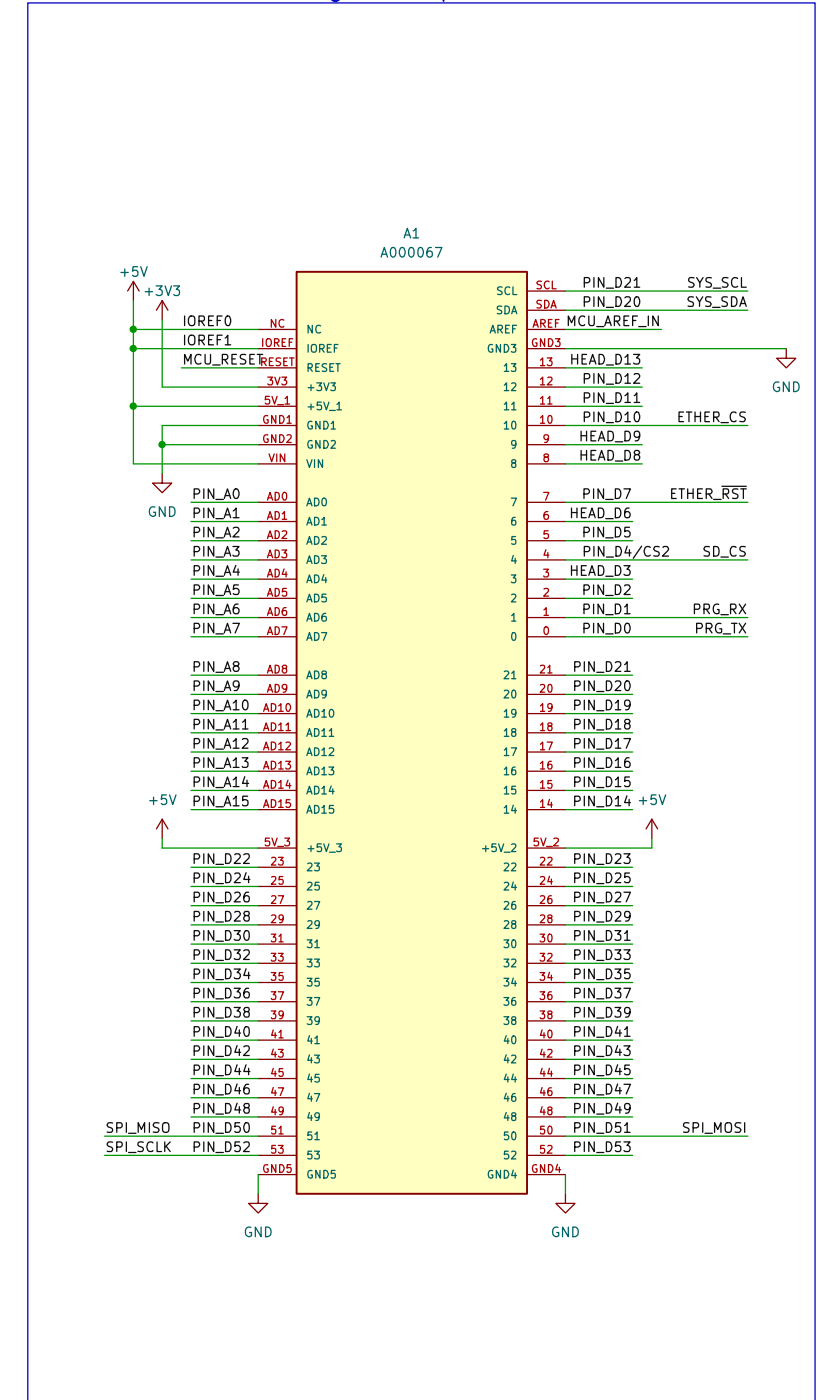
## Arduino Mega Compatible Microcontroller



## Re-routable 10



## Arduino Mega Compatible Headers



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Sheet: /  
File: ArduinoMega\_Ethernet.kicad\_sch

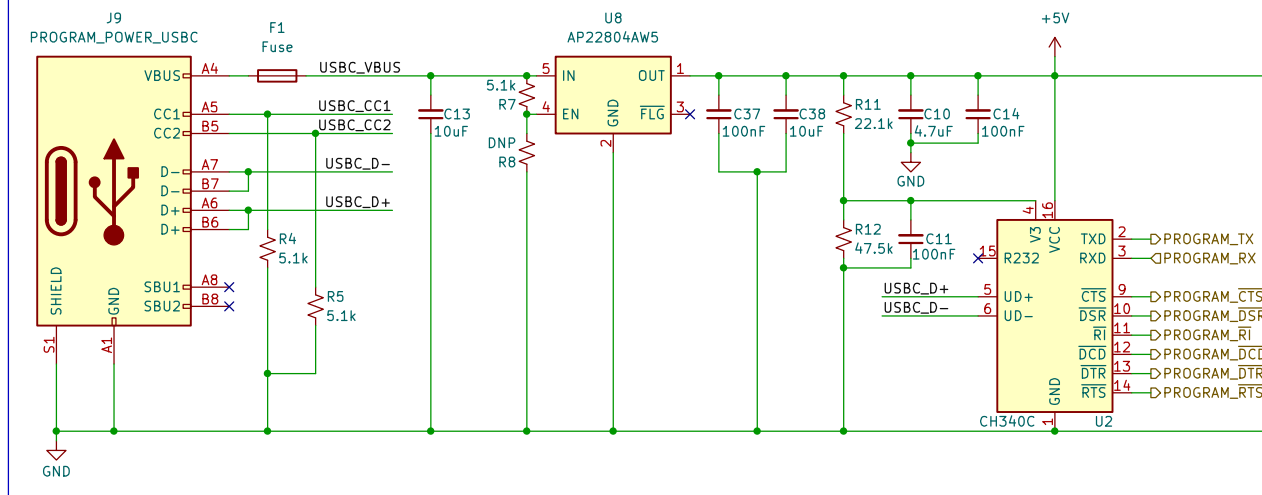
## Title: Ardunio Mega with Ethernet

Size: A3	Date: 2022-02-19
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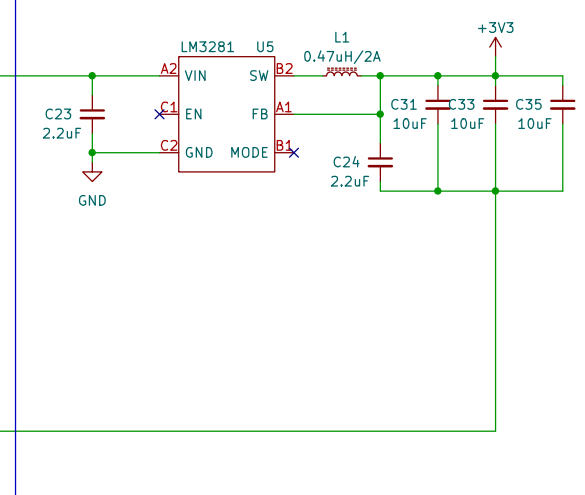
Rev: A0

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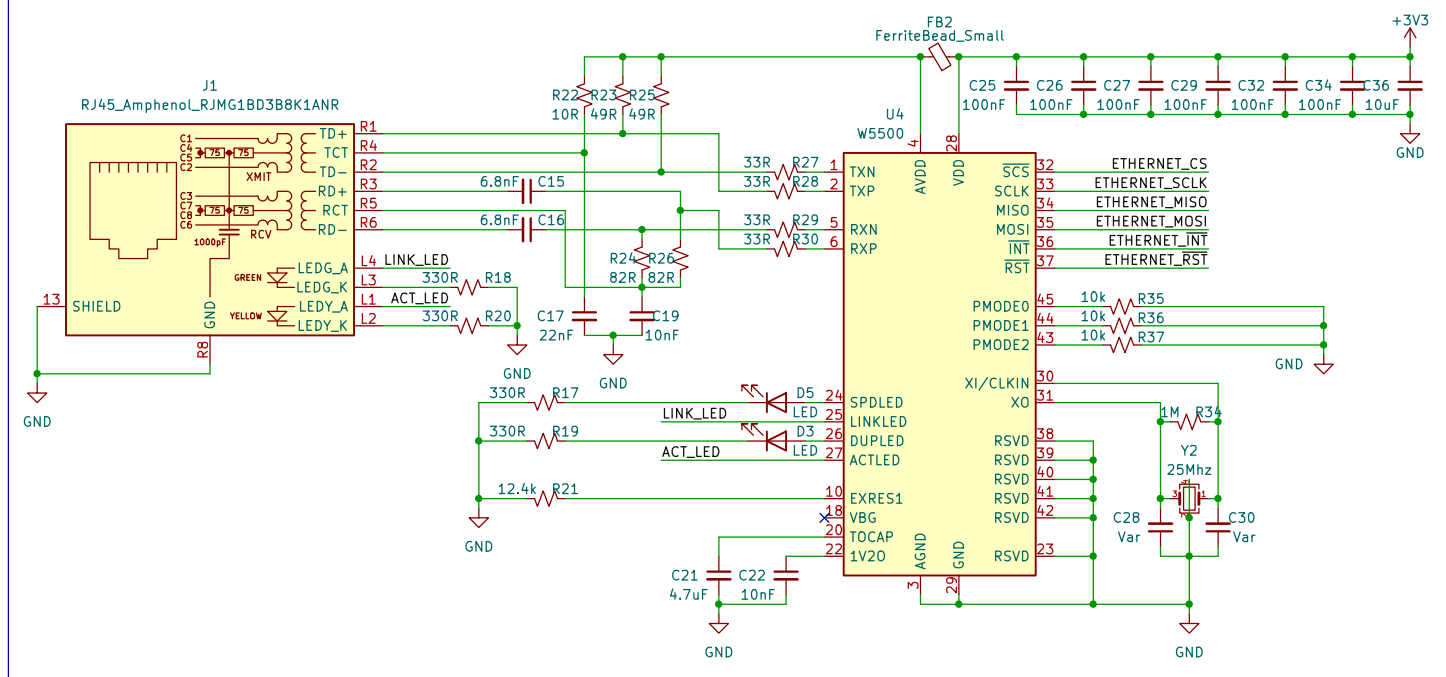
USB Power Input + Programming Interface



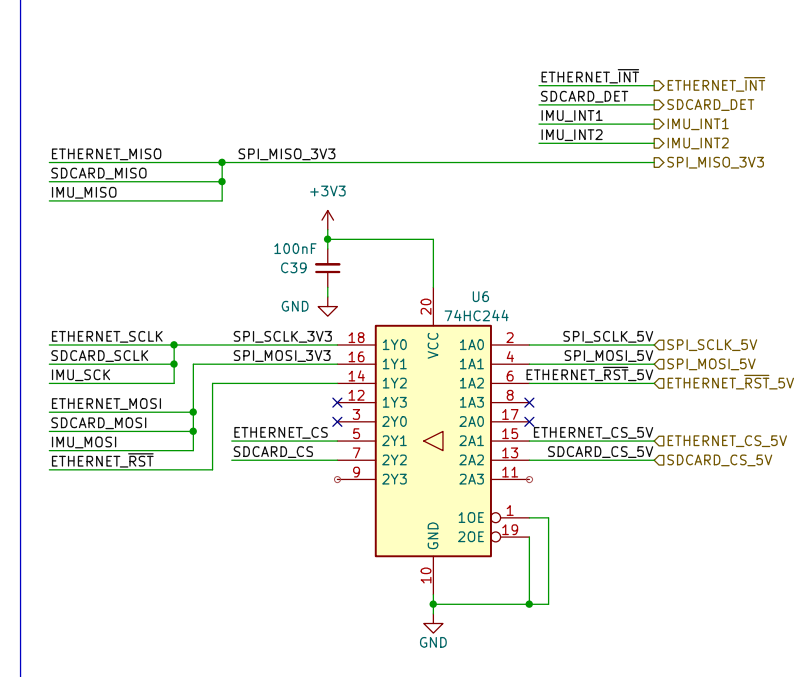
5V -&gt; 3V3 Switching Converter



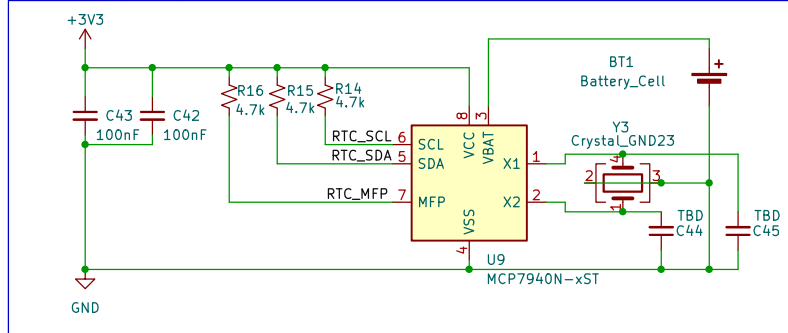
SPI Ethernet Controller -&gt; SPI



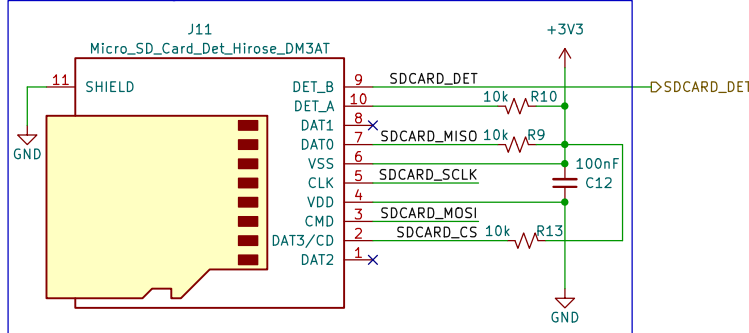
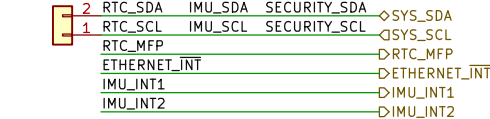
3V3 SPI&lt;-&gt;5V SPI Interface



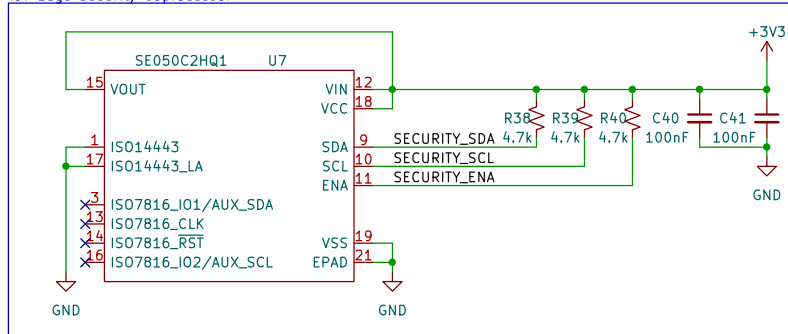
RTC with Battery Backup



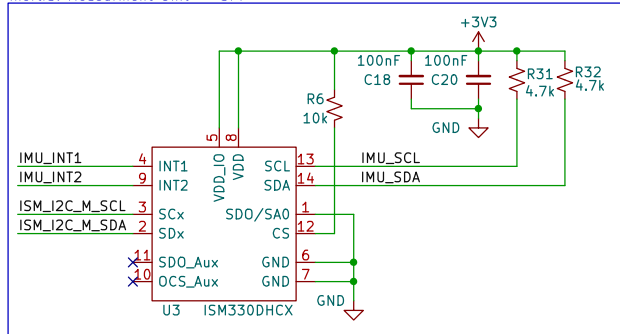
SDCARD with Active High Detect -&gt; SPI

J7  
EXT\_3V3\_I2C

IoT Edge Security Coprocessor



Inertial Measurement Unit -&gt; SPI



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Sheet: /PWRandPRG/  
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KiCad E.D.A. 9.0.2Rev: A0  
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