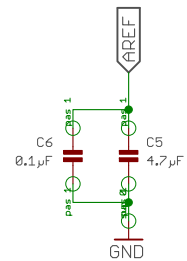
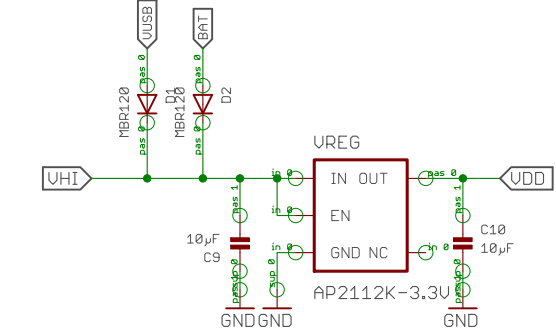
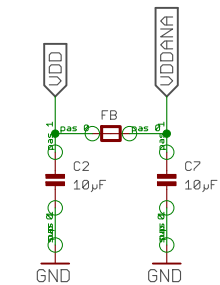


## POWER & FILTERING

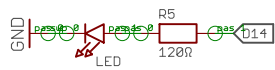
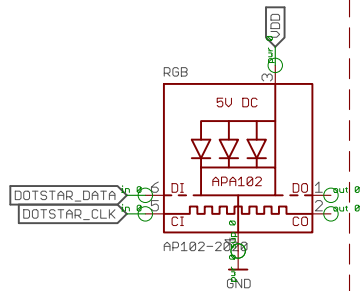


SAMD5x Datasheet:  
Section 56.3 AREF

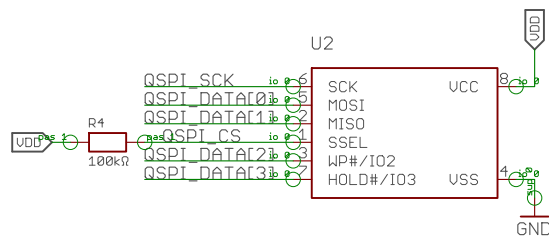


SAMD5x Datasheet:  
Section 56.2 Power

LEDS

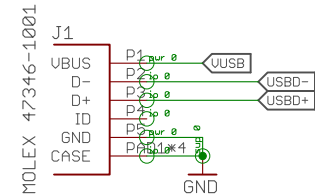


2MB FLASH



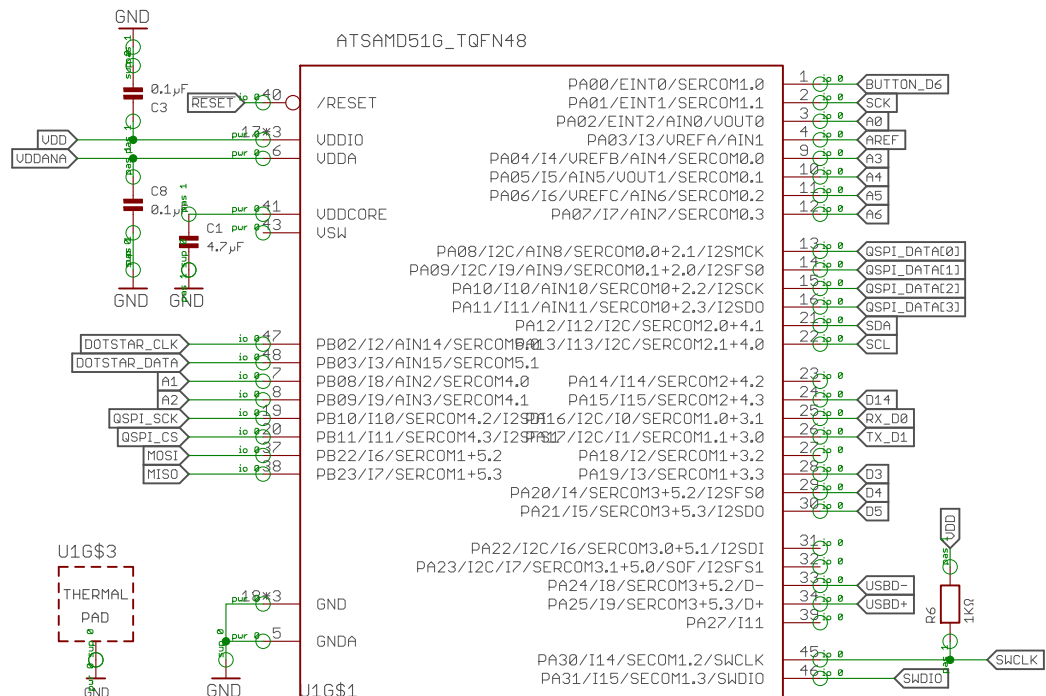
QSPI NOR FLASH 2MiB 2x3mm USON (W25Q16JVUXIM)

## USB CONNECTION



## SAMD51G

SAMD5x Datasheet:  
Section 56.2 Power



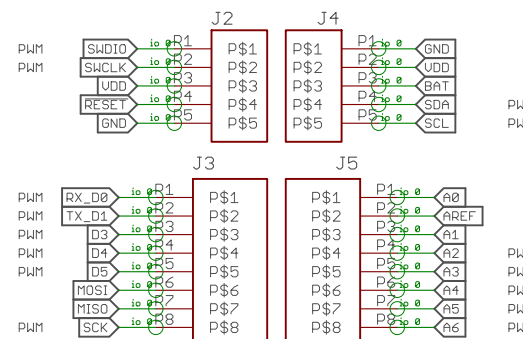
SAMD5x Datasheet:  
Section 56.7 Programming

SPI:  
SERCOM1 SCK.1, MOSI.2, MISO.3

```
I2C:
  SERCOM2  SDA.0, SCL.1
```

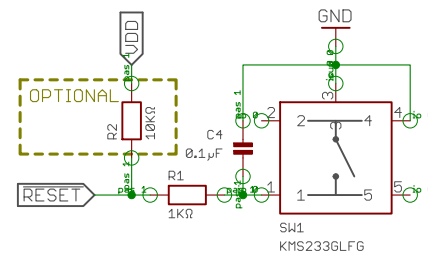
UART:  
SERCOM3 TX.0, RX.1

## INPUT/OUTPUT

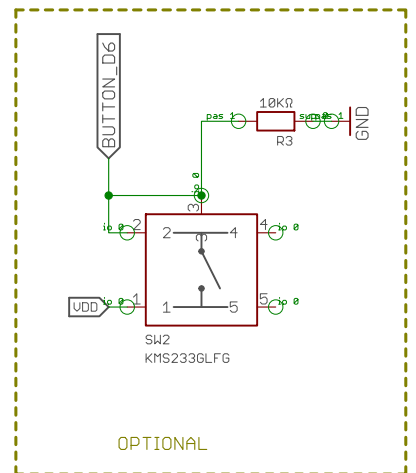


RESET

SAMD5x Datasheet: Section 56.4



BUTTON



DESIGNER  
BENJAMIN SHOCKLEY

TITLE: MINI_SAM_D51_r017_b001
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2018/01

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