

FEATHERWING ASSIGNMENTS

- SERCOM3+5.2

SERCOM3+5.3

SERCOM3.0+5.1

SERCOM3.1+5.0
- D10 - PA20 - GPIO0 w/JUMPER

D11 - PA21 - BUSY

D12 - PA22 - RESET

D13 - PA23 - CS

TX - PB16 -SERCOM5.0

RX - PB17 -SERCOM5.1
- MISO - PB23 - SERCOM1+5.3

MOSI - PA00 - SERCOM1.0

SCK - PA01 - SERCOM1.1

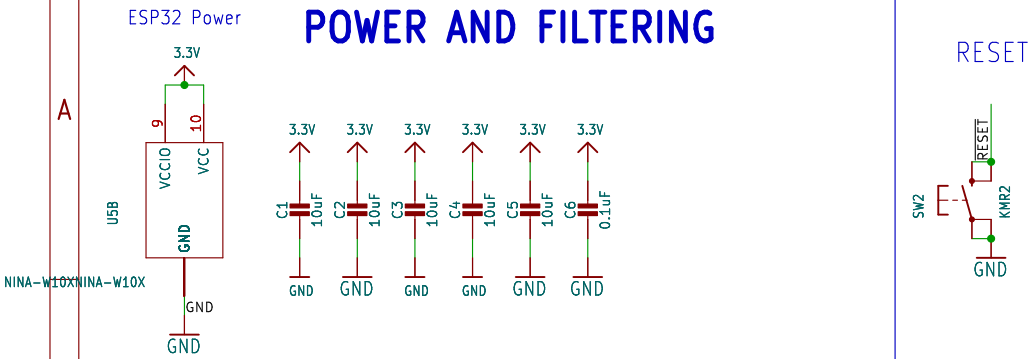
TX - PA17 - SERCOM1.1+3.0

RX - PA16 - SERCOM1.0+3.1
- SCK - PA17 - SERCOM1.1+3.0

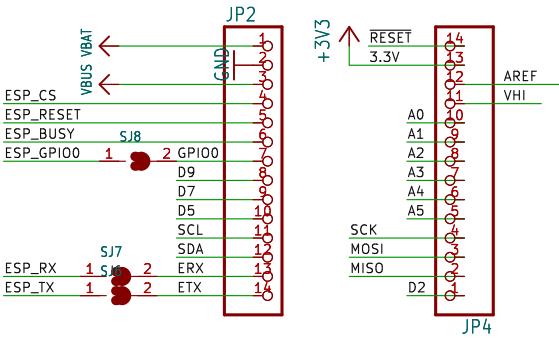
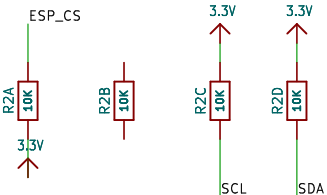
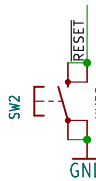
MOSI - PB23 - SERCOM1+5.3

MISO - PA00 - SERCOM1.0

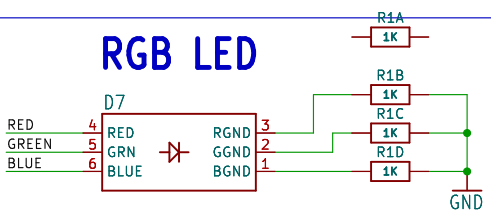
POWER AND FILTERING



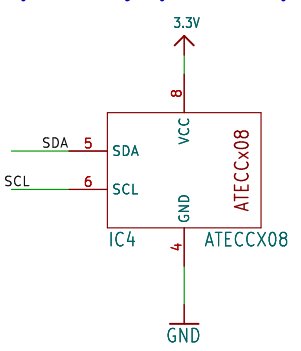
RESET



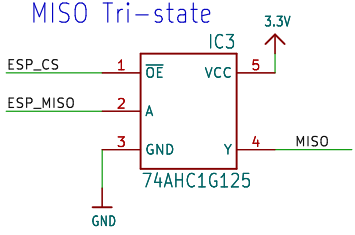
RGB LED



Opt. Crypto Chip



MISO Tri-state



SERCOM0: (avail on A1, A4, A5, D2)
SERCOM1: SPI
SERCOM2: I2C
SERCOM3: UART
SERCOM4: (NEOPIX DMA MOSI)
SERCOM5: (avail on D10-D13)

2	ADC2/GPIO34	19	ESP_RESET
3	ADC3/GPIO39		
4	ADC4/GPIO36		
34	ADC34/GPIO35		
7	GPI033		
ESP_BUSY			
ESP_CS	SPIV_CS/GPIO5		
SCK	SPIV_CLK/GPIO18		
ESP_MISO	SPIV_DI/GPIO23		
GREEN	SPIV_HD/RMIL_TXEN/GPIO21		
RED	RMIL_RXD0/DAC16/GPIO25		
BLUE	RMIL_RXD1/DAC17/GPIO26		
24	RMIL_CRSDV/GPIO27		
25	RMIL_MDIO/GPIO4		
27	RMIL_MDC/LK/GPIO2		
21	RMIL_CLK/GPIO0		
20	UART_CTS/RMIL_TXD0/SPIV_D0/GPIO19		
22	UART_RTS/RMIL_TXD1/SPIV_WP/GPIO22		
23	UART_TXD/GPIO1		
	UART_RXD/GPIO3		

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