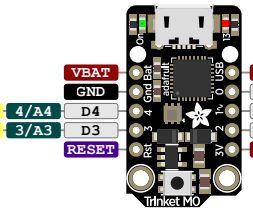
Adafruit Trinket M0

https://www.adafruit.com/product/3500

- Power
- GND
- Control
- CircuitPython Name
- Arduino Name
- GPIO
- INT
- DAC/AREF
- ADC
- Touch
- SERCOM
- SERCOM Alt
- Timer
- Timer Alt
- Special



							VBAT							VBUS						
							GND							D0	0/A2	PA08	NMI	AIN16	S0.0	S2.0	TCC0[0]	TCC1[2]	I2S/SD1
	TCC1[0]	S0.2	Y4	AIN6	6	PA06	4/A4	D4						D1	1/A0	PA02	2	VOUT AIN0 Y0					
I2S/SD0	TCC1[1]	S0.3	Y5	AIN7	7	PA07	3/A3	D3						D2	2/A1	PA09	9	AIN17	S0.1	S2.0	TCC0[1]	TCC1[3]	I2S/MCK0
							RESET							3.3V						

The Microchip (nee Atmel) SAMD21 is an ARM Cortex-M0+ running at 48 MHz with 32kB on-chip SRAM, 256KB Flash memory and built in USB. All GPIO is 3.3V in/out max unless otherwise stated. SERCOMs can be used as UART (TX on SERCOM pad 0 or 2, RX on any pad), I2C (SDA on pad 0, SCL on pad 1), or SPI (SCK on pad 1 or 3, MOSI on pad 0 or 3 (SCK on pad 1) or pad 0 or 2 (SCK on pad 3), MISO on any pad remaining)

														D13	12	PA10	10	AIN18	S0.2	S2.2	TCC1[0]	TCC0[2]	I2S/SCK0
														APA102_MOSI	7	PA00	0			S1.0	TCC2[0]		
														APA102_SCK	8	PA01	1			S1.1	TCC2[1]		