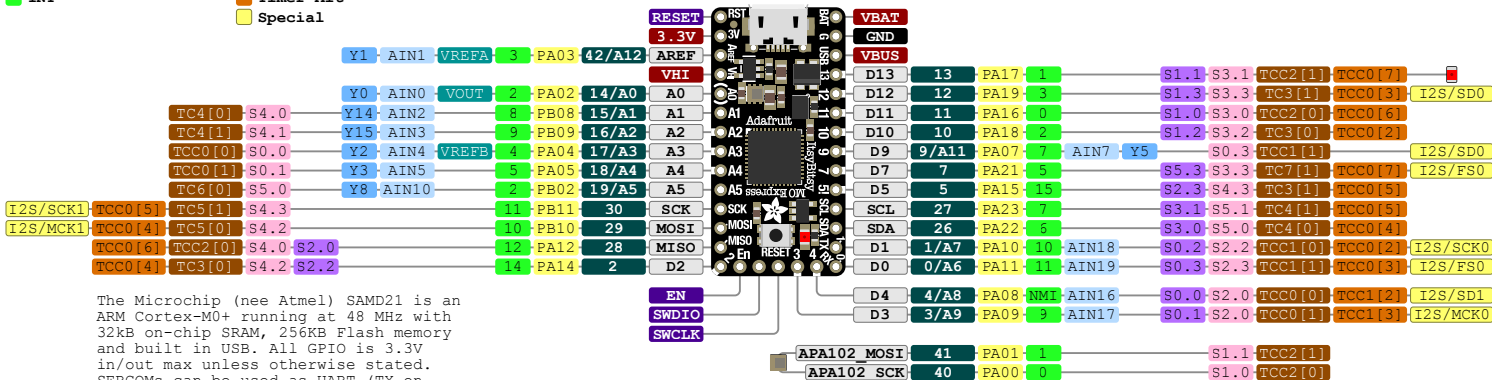


# Itsy Bitsy M0 Express

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



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)