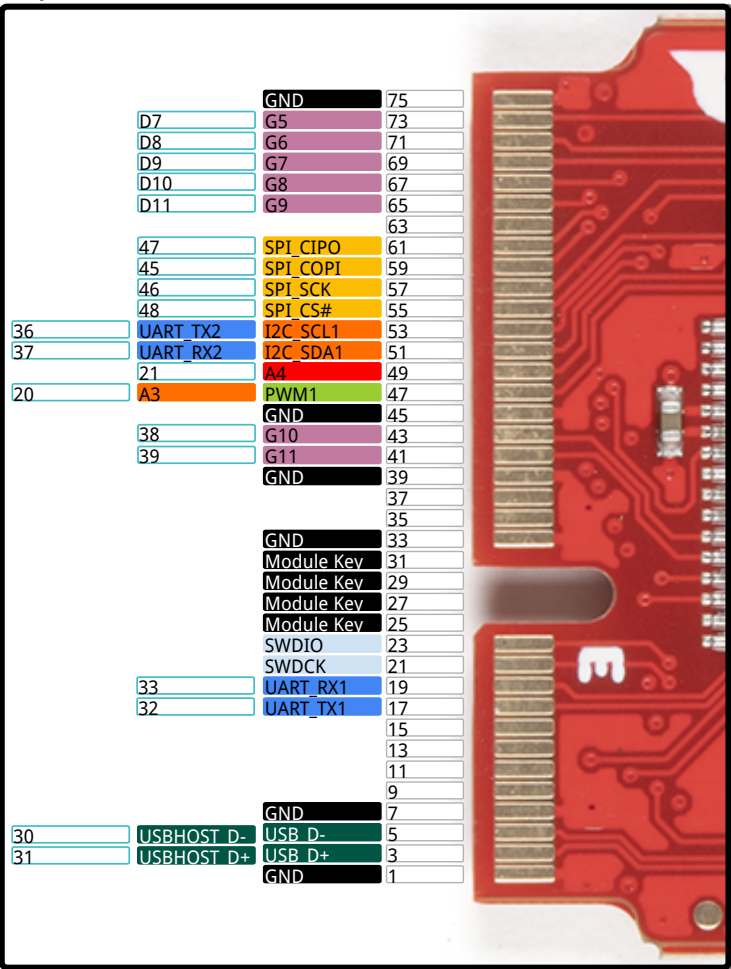


MicroMod SAMD51 Processor Board

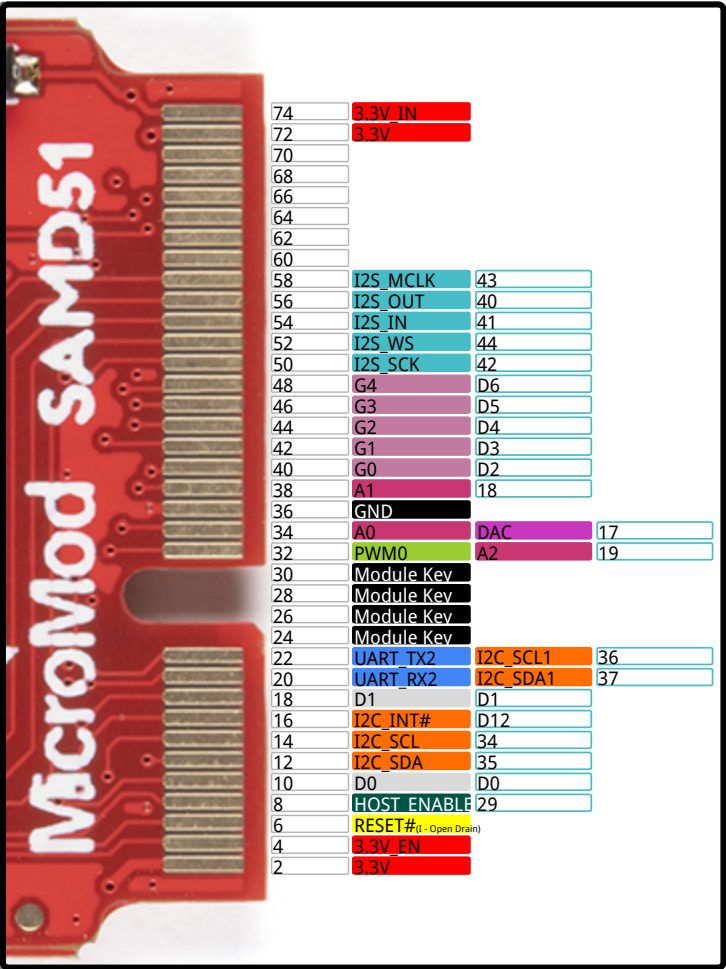
DEV-16791

Pin Number	Power	GND	Control
Digital Pin	ADC	PWM	Serial UART
I ² C	SPI	USB	SWD
Audio	General/Bus	Arduino	

Top of Board



Bottom of Board



Power

VCC: 3.3V
I/O Logic Levels: 3.3V

SAMD51J20A

32-bit ARM Cortex-M4F MCU
Up to 120MHz CPU speed
Up to 6 SERCOM Channels
1MB Flash Memory
256kB SRAM
12-bit ADC
12-bit DAC
UF2 bootloader
Programmed with Arduino

W25Q128JVPIM

128Mb (16MB) of external flash memory

LEDs

User (D13, LED_BUILTIN): Blue

Serial

Use Serial for USB connection
Use Serial1 for hardware serial UART connection

Bootloader Mode

Double tap reset button on MicroMod carrier board for bootloader mode.

MicroMod

