

Adafruit Feather M4 Express CAN

<https://www.adafruit.com/product/4759>

- Power
- GND
- Control
- CircuitPython Name
- Arduino Name
- GPIO
- INT
- DAC/AREF
- ADC
- SERCOM
- SERCOM Alt
- Timer
- Timer Alt
- Timer Alt2
- QSPI/CAN
- Special
- I2S
- PCC

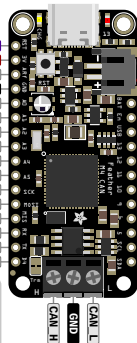
The Microchip (nee Atmel) SAMD51 is an ARM Cortex-M4F running at 120 MHz with 192 or 256kB on-chip SRAM, up to 1MB Flash memory and built in USB. All GPIO is 3.3V in/out max unless otherwise stated. SERCOMs can be used as UART (TX on SERCOM pad 0, RX on any pad), I2C (SDA on pad 0, SCL on pad 1), or SPI (SCK on pad 1, MOSI on pad 0 or 3, MISO on any pad remaining)

NEOPIXEL 40 PB22 6 S1.2 S5.2 TC7[0] SOF 1KHZ

D13	13	PA23	7	S3.1	S5.0	TC4[1]	TCC1[7]	TCC0[3]	CAN0RX	SOF 1KHZ	FS1	DATA7
D12	12	PA22	6	S3.0	S5.1	TC4[0]	TCC1[6]	TCC0[2]	CAN0TX		SDI	DATA6
D11	11	PA21	5	S5.3	S3.3	TC7[1]	TCC1[5]	TCC0[1]		SDCK	SD0	DATA5
D10	10	PA20	4	S5.2	S3.2	TC7[0]	TCC1[4]	TCC0[0]		SDCMD	FS0	DATA4
D9	9	PA19	3	S1.3	S3.3	TC3[1]	TCC1[3]	TCC0[7]				DATA3
D6	6	PA18	2	S1.2	S3.2	TC3[0]	TCC1[2]	TCC0[6]				DATA2
D5	5	PA16	0	S1.0	S3.1	TC2[0]	TCC1[0]	TCC0[4]				DATA0
SCL	22	PA13	13	S2.1	S4.0	TC2[1]	TCC0[7]	TCC1[3]		SDWP		DEN2
SDA	21	PA12	12	S2.0	S4.1	TC2[0]	TCC0[6]	TCC1[2]		SDCD		DEN1

RESET
3.3V
AREF
GND
A0
A1
A2
A3
A4
A5
SCK
MOSI
MISO
D0
D1
D4

GND
VBAT
VBAT
EN
VBUS
D13
D12
D11
D10
D9
D6
D5
SCL
SDA



CAN Bus Control

