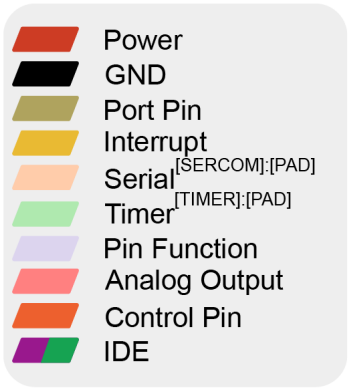
feather M4 Express PINOUT



On-Board Components

QSPI FLASH Memory

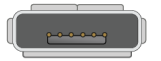
PB10	I10	$S^{4:2}$		$TC^{5:0}$	$TCC^{0:4}$	$TCC^{1:0}$	Q_SCK	34
PB11	I11	$S^{4:3}$		$TC^{5:1}$	$TCC^{0:5}$	$TCC^{1:1}$	Q_CS	35
PA08	NMI	$S^{0:0}$	$S^{2:1}$	$TC^{0:0}$	$TCC^{0:0}$	$TCC^{1:4}$	Q_IO0	36
PA09	I9	$S^{0:1}$	$S^{2:0}$	$TC^{0:1}$	$TCC^{0:1}$	$TCC^{1:5}$	Q_IO1	37
PA10	I10	$S^{0:2}$	$S^{2:2}$	$TC^{1:0}$	$TCC^{0:2}$	$TCC^{1:6}$	Q_IO2	38
PA11	I11	$S^{0:3}$	$S^{2:3}$	$TC^{1:1}$	$TCC^{0:3}$	$TCC^{1:7}$	Q_IO3	39

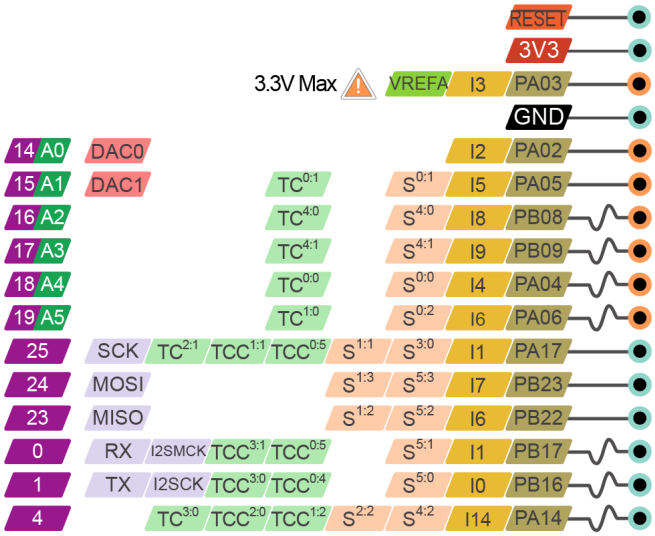
Battery Voltage Divider

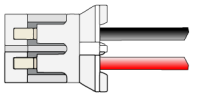
PB01	I1	$S^{5:3}$	$TC^{7:1}$	20 A6

Built-In NeoPixel

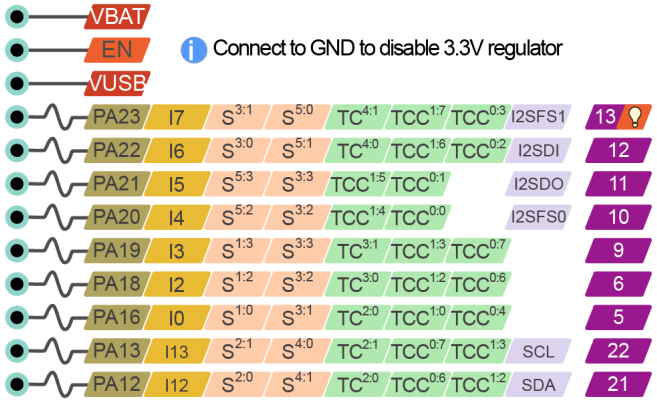
PB03	I3	$S^{5:1}$	$TC^{6:1}$	8







Optional LiPoly Battery



ABSOLU Max per pin 10mA, 7mA Recommended

ABSOLU Max 130mA for the entire package

VUSB Connected to 5V USB Port
ABSOLU Max 500mA

VBAT Connected to Positive Terminal of LiPo Battery

3V3 3.3V output from regulator
ABSOLU Max 400mA

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https://www.adafruit.com/product/3857