Welcome to Teensy® 4.1
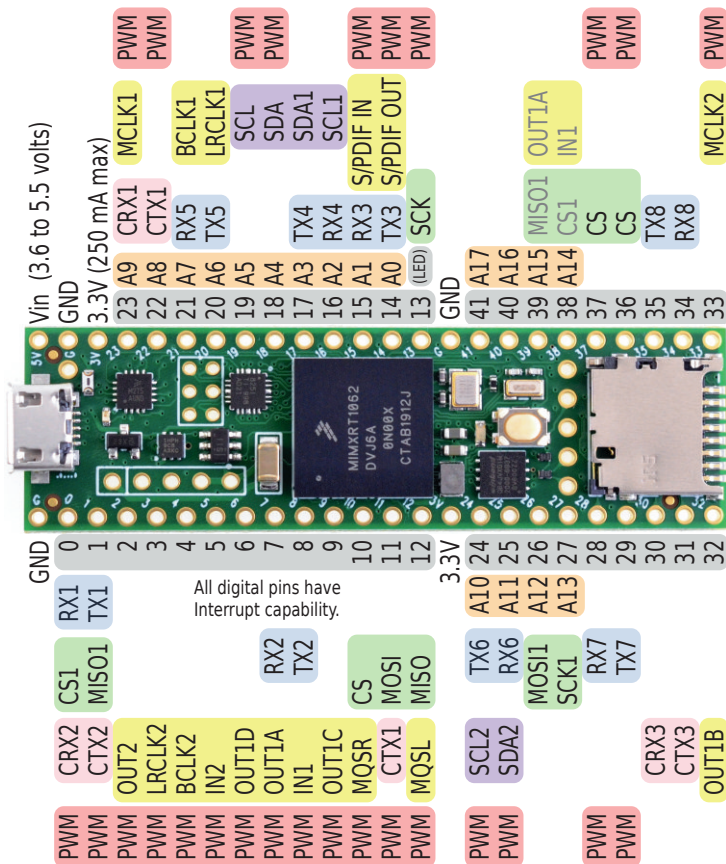
32 Bit Arduino-Compatible Microcontroller
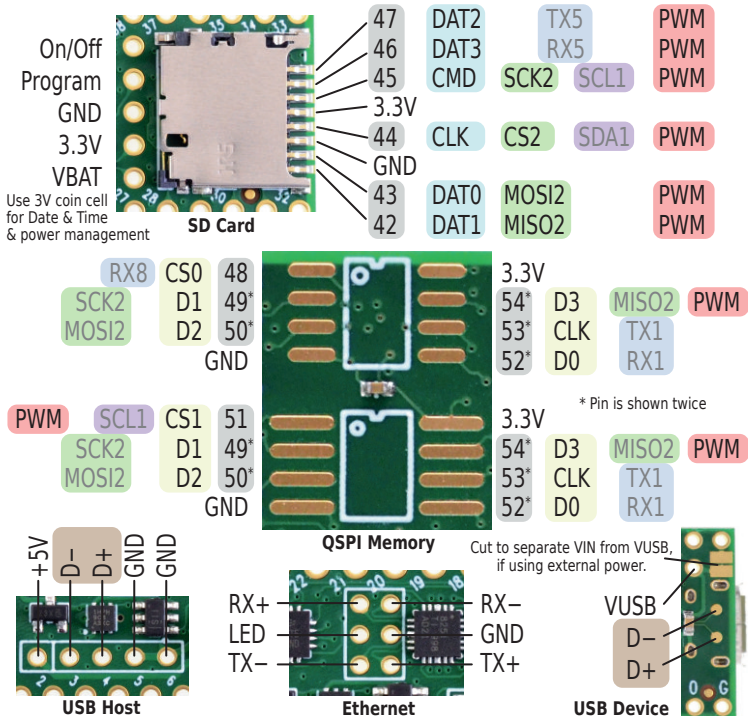
To begin using Teensy, please visit the website & click <u>Getting Started</u>.

www.pjrc.com/teensy

All digital pins have Interrupt capability.

Teensy® 4.1 Features

Special Features and Additional Pins

On/Off
Program
GND
3.3V
VBAT

Use 3V coin cell
for Date & Time
& power management

SD Card

47	DAT2		TX5		PWM
46	DAT3		RX5		PWM
45	CMD	SCK2	SCL1		PWM
3.3V					
44	CLK	CS2	SDA1		PWM
GND					
43	DAT0	MOSI2			PWM
42	DAT1	MISO2			PWM

RX8 CS0 48
SCK2 D1 49*
MOSI2 D2 50*
GND

3.3V
54* D3 MISO2 PWM
53* CLK TX1
52* D0 RX1

* Pin is shown twice

PWM SCL1 CS1 51
SCK2 D1 49*
MOSI2 D2 50*
GND

3.3V
54* D3 MISO2 PWM
53* CLK TX1
52* D0 RX1

QSPI Memory

Cut to separate VIN from VUSB,
if using external power.

+5V D− D+ GND GND

USB Host

RX+ RX−
LED GND
TX− TX+

Ethernet

VUSB
D−
D+

USB Device

For solutions to the most common issues
and technical support, please visit:

www.pjrc.com/help

Teensy 4.1 pins are
not 5 volt tolerant.
Do not apply more
than 3.3V to any pin,
except VIN & VUSB.

Teensy 4.1 System Requirements:
  PC computer with Windows 7, 8, 10, 11 or later
  or Ubuntu Linux 14.04 or later
  or Macintosh MacOS 10.10 or later
  USB Micro-B Cable

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