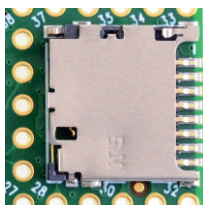


# Teensy® 4.1 Features

## Special Features and Additional Pins

On/Off  
Program  
GND  
3.3V  
VBAT

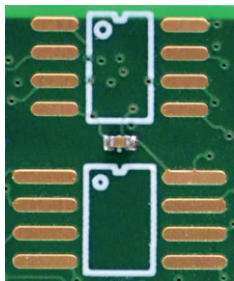
Use 3V coin cell  
for Date & Time  
& power management



SD Card

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

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



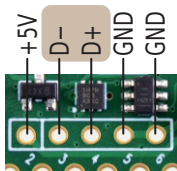
QSPI Memory

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

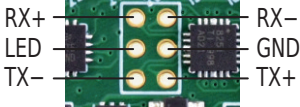
\* Pin is shown twice

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

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

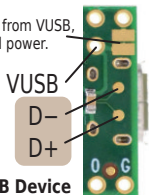


USB Host



Ethernet

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



USB Device

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

[www.pjrc.com/help](http://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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