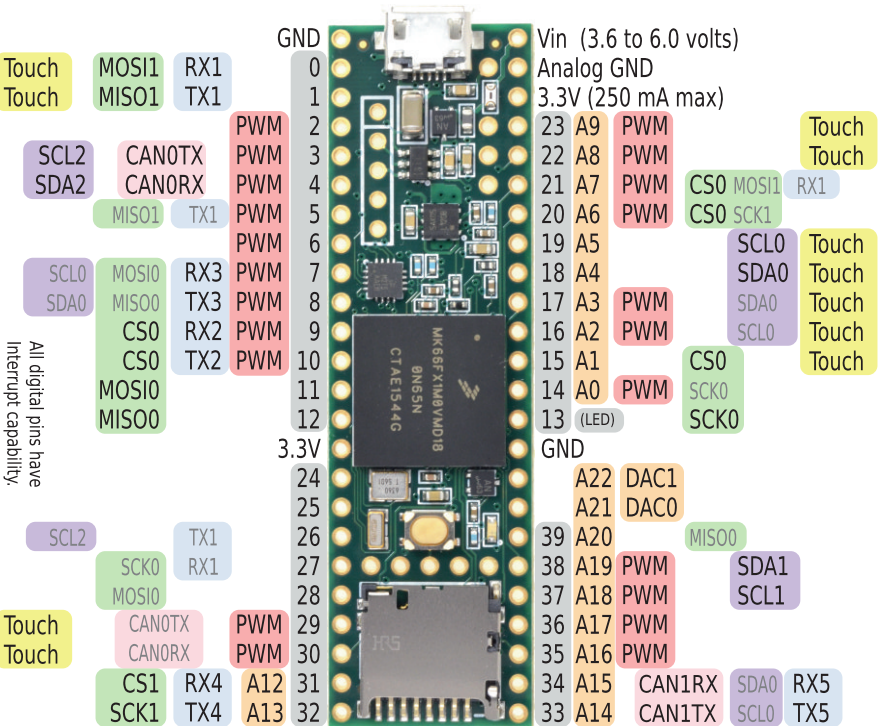# Welcome to Teensy® 3.6

32 Bit Arduino-Compatible Microcontroller
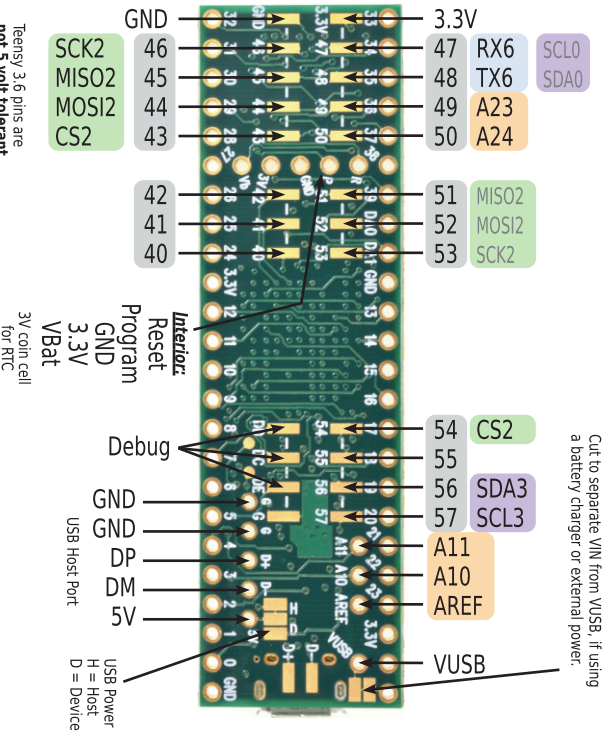
To begin using Teensy, please visit the website & click Getting Started.

www.pjrc.com/teensy

GND

Vin (3.6 to 6.0 volts)

Analog GND

3.3V (250 mA max)

Touch Touch	MOSI1 MISO1	RX1 TX1	0 1	
			2	PWM
SCL2 SDA2	CAN0TX CAN0RX		3	PWM
			4	PWM
MISO1		TX1	5	PWM
			6	PWM
SCL0 SDA0	MOSI0 MISO0	RX3	7	PWM
		TX3	8	PWM
	CS0	RX2	9	PWM
	CS0	TX2	10	PWM
	MOSI0		11	
	MISO0		12	

3.3V

23	A9	PWM
22	A8	PWM
21	A7	PWM
20	A6	PWM
19	A5	
18	A4	
17	A3	PWM
16	A2	PWM
15	A1	
14	A0	PWM
13	(LED)	

GND

CS0 MOSI1 RX1
CS0 SCK1

SCL0 Touch
SDA0 Touch
SDA0 Touch
SCL0 Touch
Touch

CS0
SCK0
SCK0

All digital pins have Interrupt capability.

24		
25		
26		
27		
28		
29		
30		
31		
32		

SCL2		TX1 RX1	24	
	SCK0 MOSI0		25 26 27 28	
Touch Touch	CAN0TX CAN0RX		29 30	PWM PWM
	CS1 SCK1	RX4 TX4	A12 A13	31 32

A22	DAC1
A21	DAC0
39	A20		MISO0
38	A19	PWM	SDA1
37	A18	PWM	SCL1
36	A17	PWM
35	A16	PWM
34	A15	CAN1RX	SDA0	RX5
33	A14	CAN1TX	SCL0	TX5

Touch Touch

Touch Touch

Teensy® 3.6 Back Side

Additional pins and features available on the back side

GND	3.3V
SCK2 46	47 RX6 / SCL0 SDA0
MISO2 45	48 TX6
MOSI2 44	49 A23
CS2 43	50 A24
42	51 MISO2
41	52 MOSI2
40	53 SCK2
54 CS2
55
Debug	56 SDA3
57 SCL3
GND	A11
GND	A10
DP	AREF
DM	
5V	
	VUSB

Interior:
Reset
Program
GND
3.3V
VBat

3V coin cell
for RTC

USB Host Port

USB Power
H = Host
D = Device

Cut to separate VIN from VUSB, if using
a battery charger or external power.

Teensy 3.6 pins are
not 5 volt tolerant.
Do not apply more
than 3.3 volts.