

# Teensy ++ 2.0

**Produktkode:** 205

**Tilgjengelighet:** Opp til 1 mnd leveringstid



**Pris:** kr. 195,00

## Short Description

Teensy ++ 2.0 USB AVR development board AT90USB162 AT90USB1286 for arduino

## Beskrivelse

### Features:

Chip model AT90USB1286, the AVR the SCM software developers learn the best experimental board, Bootloader program is installed, you can download the application directly by an ordinary USB interface code, very helpful for beginners SCM

Usage: can be directly downloaded from the Internet Flip\_Installer-3.4.1 software installation, use comes with usb drive, erase, programming, and checksum. Do not need to buy another burner Pleiades expensive.

Key Features:

- USB can be any type of device
- AVR processor, 16 MHz
- Single pushbutton programming
- Easy to use Teensy Loader application
- Free software development tools
- Works with Mac OS X, Linux & Windows
- Tiny size, perfect for many projects
- Available with pins for solderless breadboard
- Very low cost & low cost shipping options

## Package Contents

100% Brand New

1 xTeensy ++ 2.0 USB AVR development board AT90USB162 AT90USB1286 for arduino

## Tilleggsinfo

**Description:** The Teensy is a breadboard-friendly development board with loads of features in a, well, teensy package. The Teensy++ breaks out all of the IO available on the AT90USB1286 to breadboard-friendly 0.1" spaced headers so you can hook up a load of peripherals.

The Teensy++ comes pre-flashed with a bootloader so you can program it using the on-board USB connection: No external programmer needed! You can program the Teensy in your favorite IDE using C or you can install the Teensyduino add-on for the Arduino IDE and write Arduino sketches for Teensy!

**Note:** This does not come with a USB cable, please check below for an appropriate one.

**Dimensions:** 2" x 0.7" (50.8 x 17.8 mm)

## Features:

- 8-Bit AVR Processor (AT90USB1286)
- 128K Flash Memory, 8K RAM, 4K EEPROM
- USB Can Emulate Any Type of Device
- Single Pushbutton Programming
- Arduino Compatible
- 8 Analog Inputs
- 46 Digital I/O Pins
- 9 PWM outputs
- SPI and I2C

## Documents:

- [Schematic](#)
- [Datasheet](#) (AT90USB1286)
- [Teensy Quickstart](#)
- [Teensyduino Software](#)
- [Pin Assignment Chart](#)
- [Product Video](#)

## Teensy i Arduino IDE

Se <https://www.pjrc.com/teensy/teensyduino.html> for instruksjer for å bruke Arduino IDE for å programmere Teensy-kortene.

# Pinout

**Digital Pins**  
digitalRead  
digitalWrite  
pinMode

**Analog Pins**  
analogRead  
analogReference  
analogReadRes

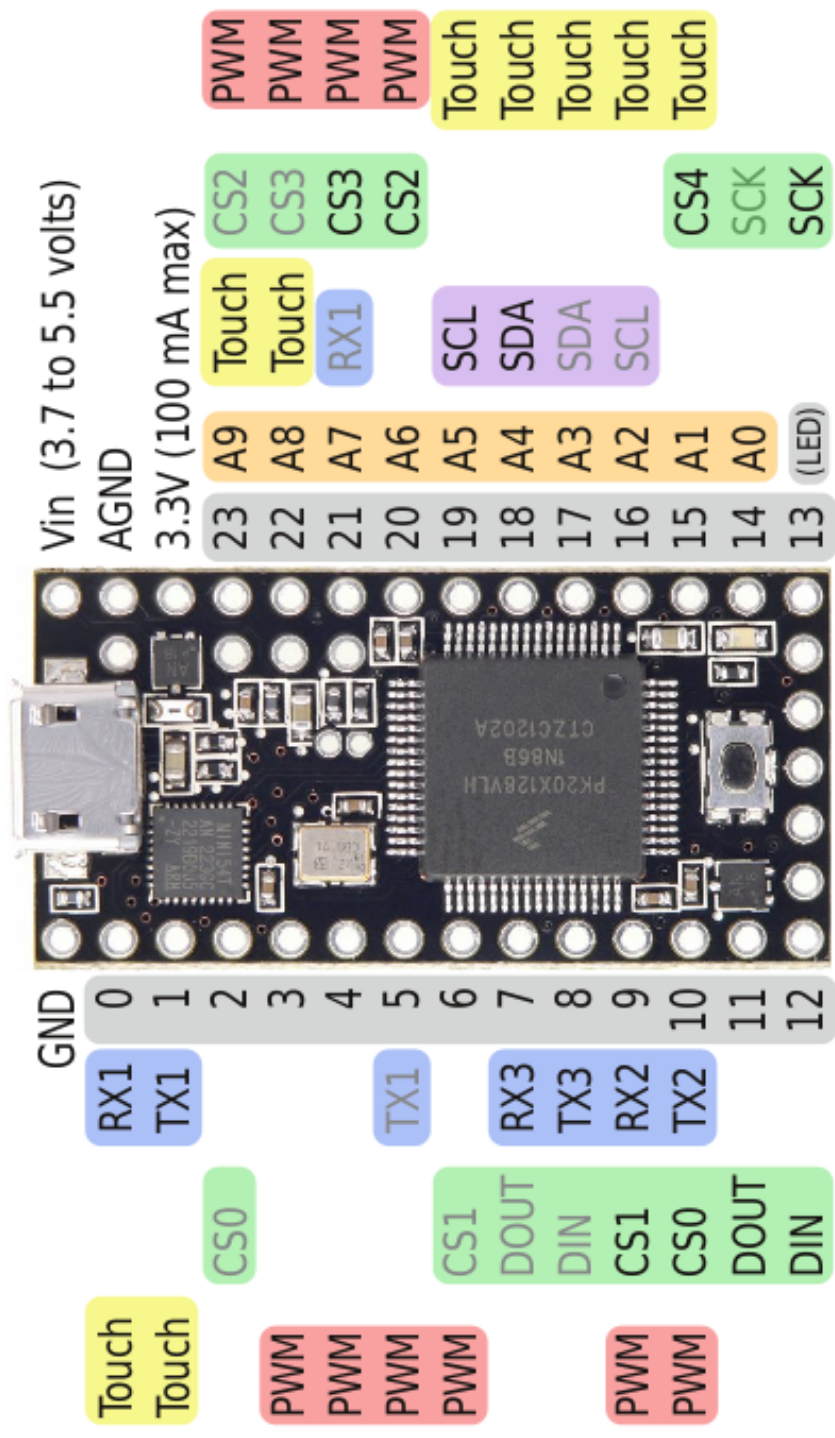
**PWM Pins**  
analogWrite  
analogWriteRes

**Touch Sense Pins**  
touchRead

**Serial Ports**  
Serial1  
Serial2  
Serial3

**I<sup>2</sup>C Port**  
Wire Library

**SPI Port**  
SPI Library



Reset  
Program  
GND  
3.3V  
VBat

All digital pins have Interrupt capability.