# class SD – secure digital memory card (cc3200 port only) 🔗

> ⓘ **Warning**
>
> This is a non-standard class and is only available on the cc3200 port.

The SD card class allows to configure and enable the memory card module of the WiPy and automatically mount it as `/sd` as part of the file system. There are several pin combinations that can be used to wire the SD card socket to the WiPy and the pins used can be specified in the constructor. Please check the pinout and alternate functions table. for more info regarding the pins which can be remapped to be used with a SD card.

Example usage:

```python
from machine import SD
import os
# clk cmd and dat0 pins must be passed along with
# their respective alternate functions
sd = machine.SD(pins=('GP10', 'GP11', 'GP15'))
os.mount(sd, '/sd')
# do normal file operations
```

## Constructors

*class* `machine.SD`(*id, ...*)

> Create a SD card object. See `init()` for parameters if initialization.

## Methods

`SD.init`(*id=0, pins=('GP10', 'GP11', 'GP15')*)

> Enable the SD card. In order to initialize the card, give it a 3-tuple:
> `(clk_pin, cmd_pin, dat0_pin)`.

`SD.deinit`()

> Disable the SD card.