
AdafruitFocalTouch Library Documentation

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CircuitPython driver for common low-cost FocalTech capacitive touch chips. Currently supports FT6206 & FT6236

CHAPTER 1

Dependencies

This driver depends on:

- [Adafruit CircuitPython](#)
- [Bus Device](#)

Please ensure all dependencies are available on the CircuitPython filesystem. This is easily achieved by downloading the [Adafruit library and driver bundle](#).

CHAPTER 2

Usage Example

```
import time
import busio
import board
import adafruit_focaltouch

# Create library object using our Bus I2C port
i2c = busio.I2C(board.SCL, board.SDA)

ft = adafruit_focaltouch.Adafruit_FT6XXX(i2c, debug=True)

while True:
    n = ft.touched
    if n:
        print(ft.touches)
```


3.1 adafruit_focaltouch

TODO(description)

- Author(s): ladyada

class `adafruit_focaltouch.Adafruit_FocalTouch` (*i2c, address=56, debug=False*)

A driver for the FocalTech capacitive touch sensor.

touched

Returns the number of touches currently detected

touches

Returns a list of touchpoint dicts, with 'x' and 'y' containing the touch coordinates, and 'id' as the touch # for multitouch tracking

CHAPTER 4

Contributing

Contributions are welcome! Please read our [Code of Conduct](#) before contributing to help this project stay welcoming.

CHAPTER 5

Building locally

To build this library locally you'll need to install the `circuitpython-build-tools` package.

```
python3 -m venv .env
source .env/bin/activate
pip install circuitpython-build-tools
```

Once installed, make sure you are in the virtual environment:

```
source .env/bin/activate
```

Then run the build:

```
circuitpython-build-bundles --filename_prefix adafruit-circuitpython-focaltouch --
↳library_location .
```


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