
Adafruit VL53L0X Library Documentation

Release 1.0

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CircuitPython driver for the VL53L0X distance sensor.

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

See usage in the `examples/simpletest.py` file.

CHAPTER 3

Contributing

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

4.1 adafruit_vl53l0x

CircuitPython driver for the VL53L0X distance sensor. This code is adapted from the pololu driver here:

<https://github.com/pololu/vl53l0x-arduino>

See usage in the examples/simpletest.py file.

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class `adafruit_vl53l0x.VL53L0X` (*i2c, address=41, io_timeout_s=0*)

Driver for the VL53L0X distance sensor.

measurement_timing_budget

The measurement timing budget in microseconds.

range

Perform a single reading of the range for an object in front of the sensor and return the distance in millimeters.

signal_rate_limit

The signal rate limit in mega counts per second.

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