

adafruit / Adafruit_SSD1306

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Arduino library for SSD1306 monochrome 128x64 and 128x32 OLEDs

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Code

tyeth Update library.properties - bump version to 2.5.10 5fa3388 · last month

.github	Update CI action versions	last year
examples	add c6	2 months ago
scripts	Remove trailing whitespace.	3 years ago
.gitignore	Add .gitignore	6 years ago
Adafruit_SSD1306.cpp	Fix up -Wshadow "error: declaration of 'spi' sha...	2 years ago
Adafruit_SSD1306.h	add no splash def	3 years ago
CMakeLists.txt	Update CMakeLists.txt	2 years ago
README.md	Add splash opt-out.	3 years ago
component.mk	Add files via upload	2 years ago
library.properties	Update library.properties - bump version to 2.5...	last month
license.txt	read me!	12 years ago
splash.h	Regenerate splash.h	3 years ago

README

License

Adafruit_SSD1306

Arduino Library CI passing Docs Doxygen

This is a library for our Monochrome OLEDs based on SSD1306 drivers

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These displays use I2C or SPI to communicate, 2 to 5 pins are required to interface.

Adafruit invests time and resources providing this open source code, please support Adafruit and open-source hardware by purchasing products from Adafruit!

Written by Limor Fried/Ladyada for Adafruit Industries, with contributions from the open source community. Scrolling code contributed by Michael Gregg. Dynamic buffer allocation based on work by Andrew Canaday. BSD license, check license.txt for more information. All text above must be included in any redistribution

Preferred installation method is to use the Arduino IDE Library Manager. To download the source from Github instead, click "Clone or download" above, then "Download ZIP." After uncompressing, rename the resulting folder Adafruit_SSD1306. Check that the Adafruit_SSD1306 folder contains Adafruit_SSD1306.cpp and Adafruit_SSD1306.h.

You will also have to install the **Adafruit GFX library** which provides graphics primitives such as lines, circles, text, etc. This also can be found in the Arduino Library Manager, or you can get the source from <https://github.com/adafruit/Adafruit-GFX-Library>.

https://github.com/adafruit/Adafruit_SSD1306

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Changes

Pull Request: (November 2021)

- Added define `SSD1306_NO_SPLASH` to opt-out of including splash images in `PROGMEM` and drawing to display during `begin` .

Pull Request: (September 2019)

- new `#defines` for `SSD1306_BLACK`, `SSD1306_WHITE` and `SSD1306_INVERSE` that match existing `#define` naming scheme and won't conflict with common color names
- old `#defines` for `BLACK`, `WHITE` and `INVERSE` kept for backwards compat (opt-out with `#define NO_ADAFRUIT_SSD1306_COLOR_COMPATIBILITY`)

Version 1.2 (November 2018) introduces some significant changes:


- Display dimensions are now specified in the constructor...you no longer need to edit the `.h` file for different screens (though old sketches can continue to work that way).
- SPI transactions are used and SPI bitrate can be specified (both require Arduino 1.6 or later).
- SPI and Wire (I2C) interfaces other than the defaults are supported.

Compatibility

MCU	Tested Works	Doesn't Work	Not Tested	Notes
Atmega328	X			
Atmega32u4	X			
Atmega2560	X			
ESP8266	X			Change <code>OLED_RESET</code> to different pin if using default I2C pins D4/D5.
ESP32	X			
ATSAM3X8E	X			
ATSAMD21	X			
Intel Curie	X			
WICED	X			No hardware SPI - bitbang only
ATtiny85		X		
Particle	X			

- ATmega328 : Arduino UNO, Adafruit Pro Trinket, Adafruit Metro 328, Adafruit Metro Mini
- ATmega32u4 : Arduino Leonardo, Arduino Micro, Arduino Yun, Teensy 2.0, Adafruit Flora, Bluefruit Micro
- ATmega2560 : Arduino Mega
- ESP8266 : Adafruit Huzzah
- ATSAM3X8E : Arduino Due
- ATSAMD21 : Arduino Zero, M0 Pro, Adafruit Metro Express, Feather M0
- ATtiny85 : Adafruit Gemma, Arduino Gemma, Adafruit Trinket
- Particle: Particle Argon

Releases 43

 2.5.10 Add Feather C6 support Latest

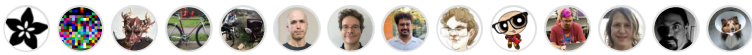
on May 1

+ 42 releases

Packages

No packages published

Contributors 36



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Deployments 23

✓ **github-pages** 2 years ago

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