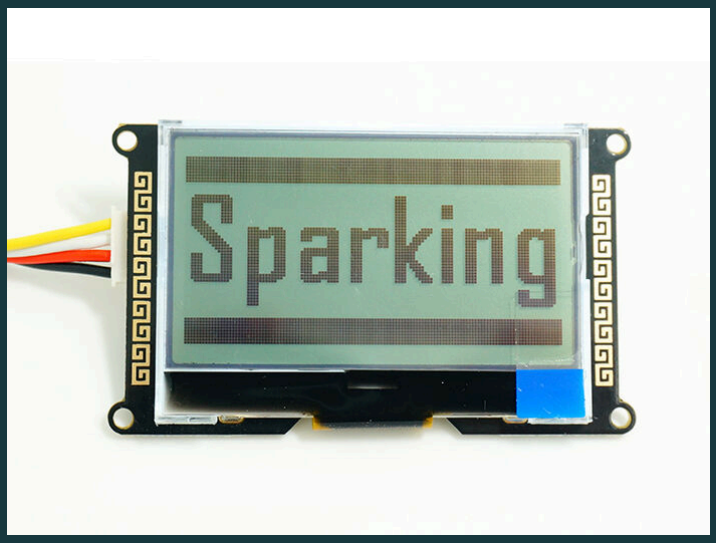
seeed studio

INDUSTRIAL PRODUCT DATASHEET

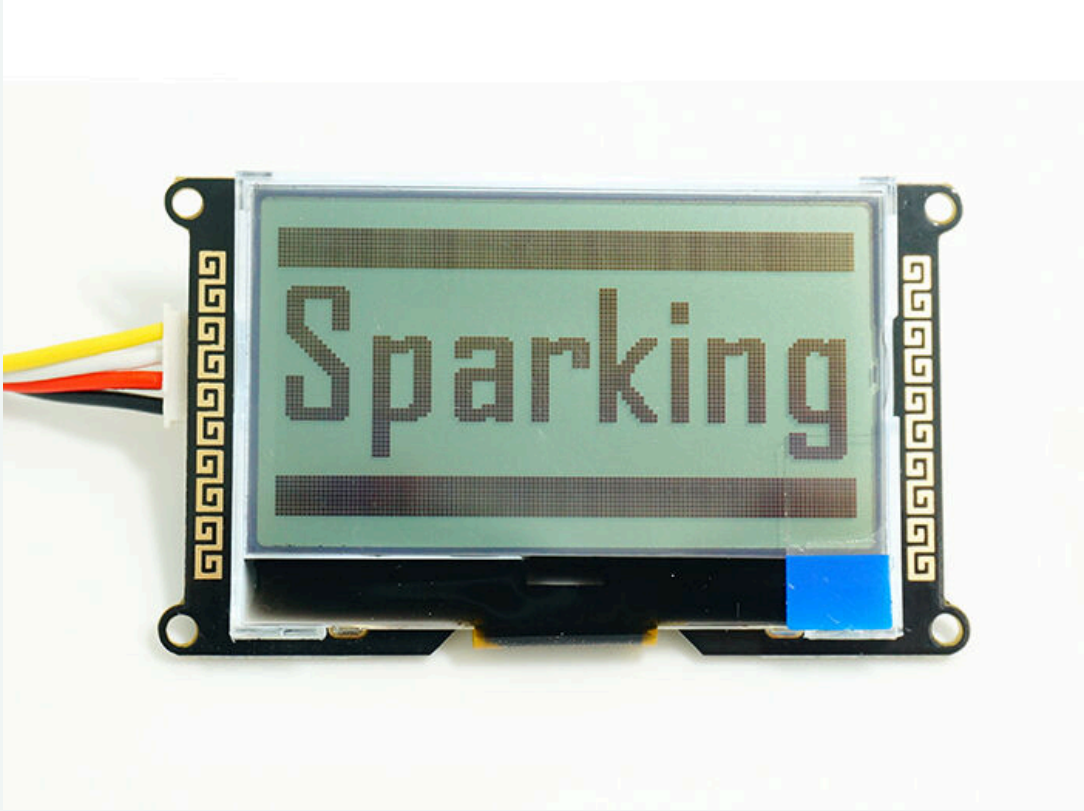
I2C_LCD(With conversion Grove cable)

An easy-to-use I2C LCD display module with Grove interface and Arduino library support.

SKU	UPDATED	PRICE
114990501	2024-08-09 01:54:45	$17.90(Excl. VAT)



Overview



The I2C_LCD is a retired display module that uses I2C and Grove interfaces to simplify wiring, requiring only two Arduino pins. It offers 128x64 dual-color display, an Arduino library for easy text/graphics, and a bitmap converter for custom images.

Key Features

This product is retired, please consider the **new version** as your alternative choice.

I2C_LCD is an easy-to-use display module, It can make display easier. Using it can reduce the difficulty of make, so that makers can focus on the core of the work.

We developed the Arduino library for I2C_LCD, user just need a few lines of the code can achieve complex graphics and text display features.

More than that, we also develop the dedicated picture data convert software (bitmap converter)，now is available to support PC platform of windows, Linux, Mac OS. Through the bitmap convert software you can put your favorite picture displayed on I2C_LCD, without the need for complex programming.

Features:

1. Only 2 Arduino pins are occupied (Use I2C interface).
2. Arduino library supported, use a line of code to complete the display.
3. 168 ASCII characters can be displayed.
4. 128X64 dual color picture can be displayed.
5. Provide dedicated picture data convert software (Bitmap Converter) .
6. Adjustable backlight brightness and contrast.
7. Support modify device address, can support 127 modules work in parallel.
8. Convenient Grove interface.
9. China style unique appearance.

Dimensions:

Part List:

- 1 x I2C_LCD
- 1 x Grove - 4 pin Female Jumper to Grove 4 pin Conversion 12cm Cable

If you want to use I2C_LCD with Grove interface Arduino boards (The boards with Grove connectors, like Seeeduino and so on), please refer to another version of **I2C_LCD (With universal Grove cable)**.

Documentation

1. I2C_LCD Library
2. I2C_LCD User Manual EN
3. I2C_LCD User Manual CN
4. Bitmap Converter (ForWindows)
5. Bitmap Converter (ForMacOS)
6. Bitmap Converter(ForLinux)
7. I2C_LCD Source File

Technical support: joney.s@foxmail.com

Please visit our WIKI page for more info about this product. It will be appreciated if you can help us improve the documents, add more demo code or tutorials. For technical support, please post your questions to our forum

Part List

I2C LCD	1

Compliance & Logistics

HSCODE	8531200000

Resource Links

- https://www.seeedstudio.com/I2C-LCD-With-conversion-Grove-cabl-p-2600.html

Seeed Technology Co.,Ltd.
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676
Web: www.seeed.cc
Shop: www.seeedstudio.com