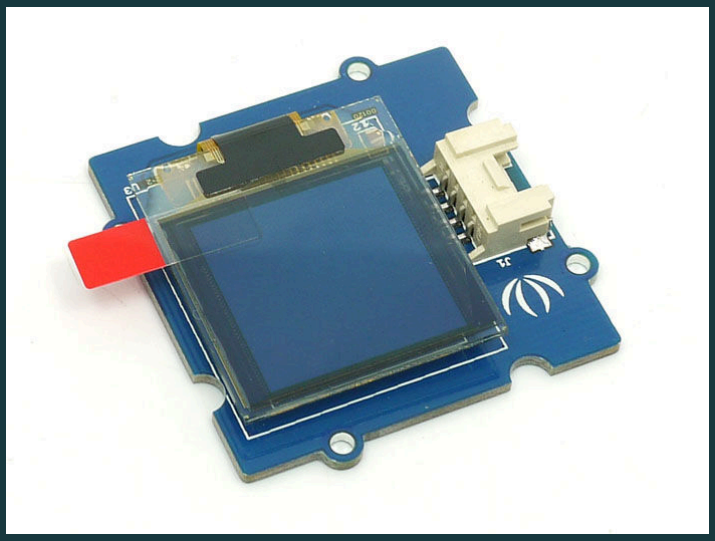
seeed studio

INDUSTRIAL PRODUCT DATASHEET

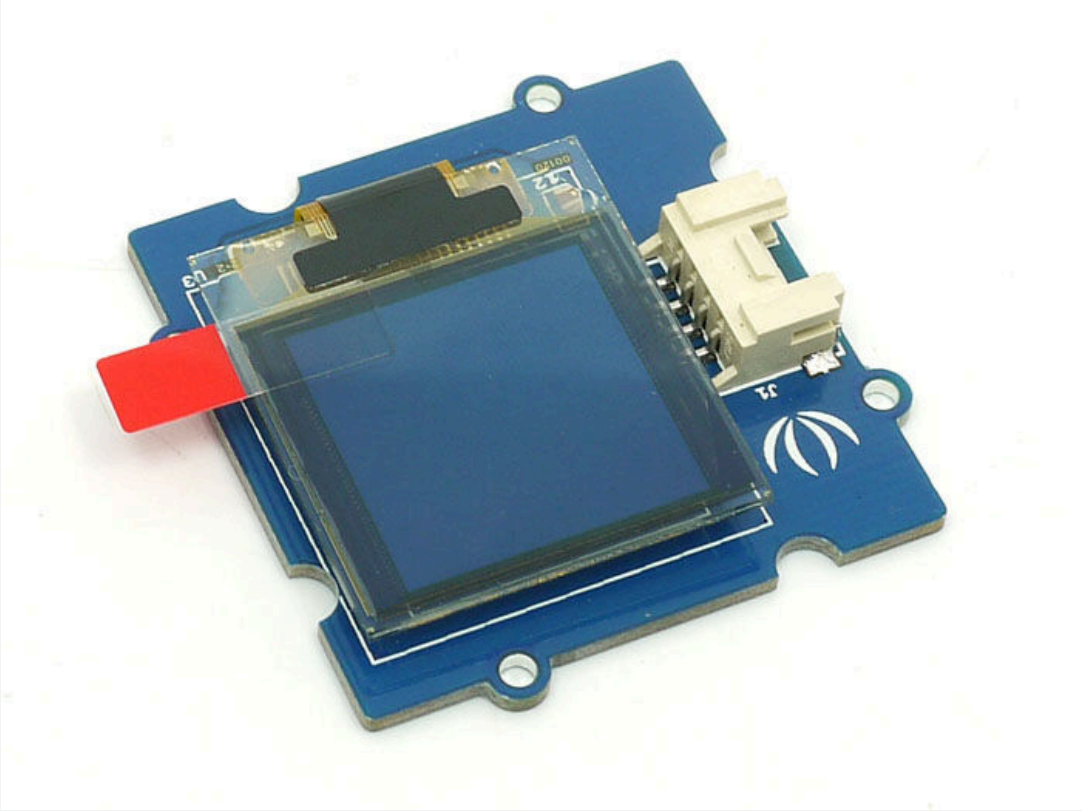
Grove - OLED Display 1.12"

96×96 grayscale OLED display with I2C interface and wide operating temperature range (-40°C to 70°C).

SKU	UPDATED	PRICE
104030011	2026-08-03 01:03:21	$17.25(Excl. VAT)



Overview



The Grove - OLED Display 1.12" is a 96×96 dot matrix OLED module offering 16-level grayscale with an SSD1327 driver IC. It provides high brightness, a wide viewing angle, and an I2C interface compatible with 5V and 3.3V logic MCUs.

Key Features

Note：This product will be EOL soon, please consider the **Grove - OLED Display 1.12'' V2** as alternative choice.

Grove - OLED 1.12'' is a 16 color grayscale 96×96 dot matrix OLED display module with Grove compatible 4pin I2C interface.Grove - OLED 1.12" is constructed with 96 x 96 dot matrix OLED module ([LY120])and SSD1327 driver IC. The characteristics of this display module are high brightness, self-emission, high contrast ratio, slim / thin outline, wide viewing angle, wide temperature range, and low power consumption.

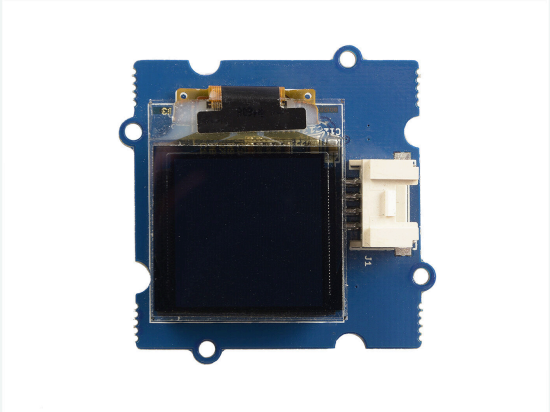
Features

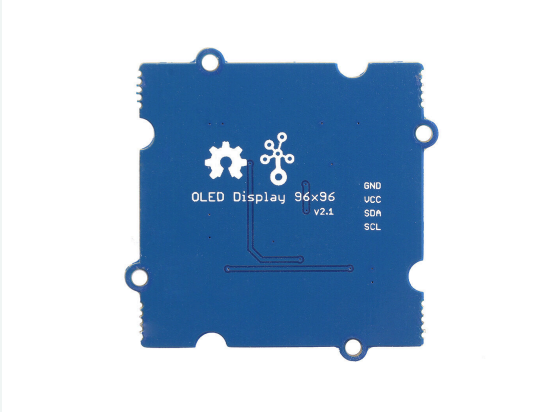
- Dot Matrix: 96 x 96 Pixels
- Color: Grayscale Display (16 Gray shades)
- Supports both Normal and Inverse Color Display
- Supports Continuous Horizontal Scrolling
- Grove compatible 4pin I2C connector
- Works with both 5V and 3.3V logic MCUs
- Interface: I2C
- Wide range of operating temperature: -40 °C ~ 70 °C

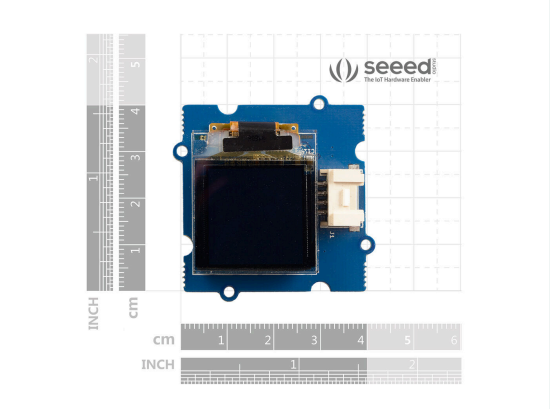
Application Ideas

- Graphic display adapter for Seeeduino and Arduino using Grove stem board
- Display adapter for any 5V or 3.3V MCU which supports I2C interface
- Can be used with mbed microcontroller

Product Gallery









Part List

Grove - OLED Display 1.12''	1

Compliance & Logistics



HSCODE	8531901000
USHSCODE	8531901500
UPC	841454107873
EUHSCODE	8533210000
COO	CHINA

Resource Links

- https://www.seeedstudio.com/Grove-OLED-Display-1-12.html
- LY120 Datasheet
- Schematic in Eagle
- Github Repository of the Library
- SSD1327 Datasheet

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