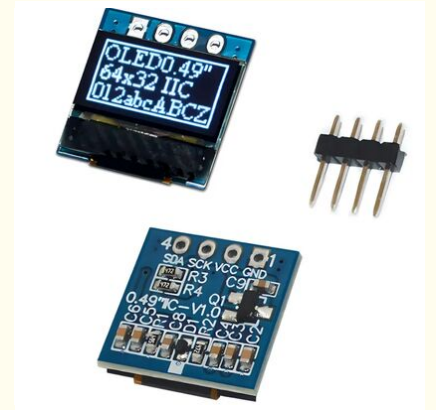




## 0.49 Inch Graphic OLED Display With SSD1315 Support and I2C Interface for Clear Monochrome Graphics

### Basic Information



### Product Specification

- Outline: 15 X 15 X 2.42 (mm)
- Display: OLED
- Display Mode: Passive Matrix
- Fpc: 4 PIN
- Pixel Size: 0.155 X 0.155 (mm)
- Backlight Technology: LED
- Interface: I2C
- Operating temperature range: -20°C To 60°C
- Highlight: **0.49 Inch OLED Display ,  
I2C Interface OLED Screen,  
SSD1315 Support Graphic OLED Module**



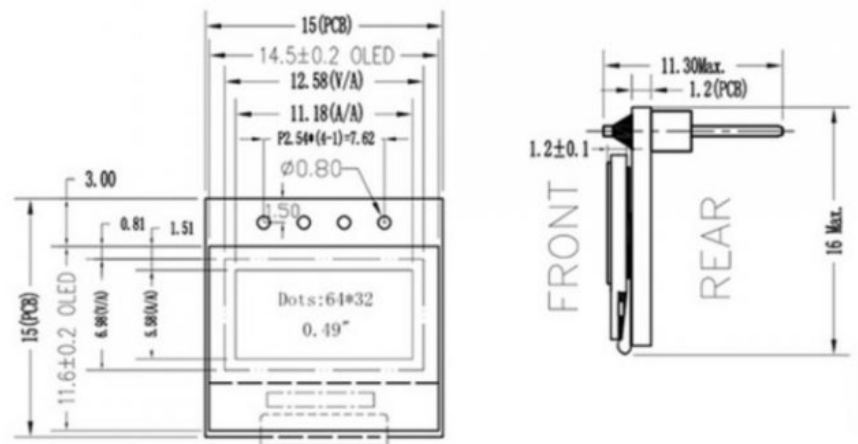
## Product Description

### 0.49 Inch Graphic OLED Display with SSD1315 Driver

This 0.49-inch graphic OLED display features a compact design with 64x32 pixel resolution and utilizes the SSD1315 driver IC. The module supports I2C interface and is ideal for various embedded applications requiring clear, high-contrast graphics display.

#### Product Specifications

Feature	Specification
Product Type	0.49 Inch IIC OLED 4 header pins
Number Of Pixels	64x32 Graphics
Driver IC	SSD1315 Or Equivalent
Display Mode	Passive Matrix
Display Color	Monochrome (white)
Drive Duty	1/32 Duty
Panel Size	15 × 15 × 2.42 (mm)
Active Area	11.18 × 5.58 (mm)
Pixel Pitch	0.175 × 0.175 (mm)
Pixel Size	0.155 × 0.155 (mm)
Viewing Direction	All Viewing Angles
Interface	I2C
Connection	Soldering/Hotbar (customizable)
Pin Number	4 Pins
Life Time	50,000 Hours @60cd/m <sup>2</sup>



#### Interface Pin Functions

No.	Symbol	Function
1	GND	Ground
2	VCC	Power supply input
3	SCL	When the I2C interface is selected, then D0 serves as the serial clock input pad (SCL) and D1 serves as the serial data input pad (SDAI)
4	SDA	Serial data input



**This LCD is what we want, but it's too large. Do you have smaller sizes with modified display content?**

For segment type LCD modules requiring size or content modifications, we can create new LCD glass modules with custom tooling to meet your specific requirements.

**This LCD display is HTN type, but I want STN type. Can you make this change?**

Yes, we can modify the display type to STN or other types according to your specific requirements.

**Can you customize a new LCD module for my application?**

Absolutely. Please provide your drawing or specifications including outline size, display information (glass thickness, polarizer, display type, connector mode, storage temperature, operating temperature, supply voltage, viewing direction, drive conditions).

**What is the lead time for custom tooling?**

Typically 15 to 25 days after drawing confirmation and tooling charge payment. We'll provide exact timelines once your drawing is confirmed.

**Can you send samples for evaluation?**

Yes, sample orders are available for testing and evaluation purposes.

**What is your standard lead time?**

For standard products in stock, lead time is one day after payment. For mass production of custom orders, lead time is approximately 15-30 days. We'll notify you if we can complete orders sooner.



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