

Graphic Dot Matrix FSTN 128x64 Resolution COG LCD Display with 3.3V Operating Voltage

Basic Information

- Place of Origin: China
- Brand Name: BBI
- Certification: ISO9001 RoHS
- Minimum Order Quantity: 1000
- Price: 0.78-7USD
- Packaging Details: CARTON
- Delivery Time: 3-4WEEKS
- Payment Terms: T/T
- Supply Ability: 300000/MONTH



Product Specification

- Active Area: 66.52 (W) X33.24(H)
- Backlight: LED Backlight (usually White Or Blue)
- Interface: MCU
- Screen Size: 80.0(W) X 54.0 (H) X 9.7(D)
- Controller Ic: ST7567
- Resolution: 128x64 Pixels
- Voltage: 3.3V
- Display Color: Monochrome
- Highlight: **128x64 Resolution LCD Display ,
FSTN Technology COG LCD Module ,
3.3V Operating Voltage Graphic LCD Module**



Graphic Dot Matrix FSTN 128x64 Monochrome COG LCD Display

Technical Specifications

Parameter	Specification
Module Size	80.0(W) x 54.0(H) x 9.7(D) mm
Viewing Area	70.7(W) x 38.8(H) mm
Active Area	66.52(W) x 33.24(H) mm
Dot Size	0.48(W) x 0.48(H) mm
Dot Pitch	0.52(W) x 0.52(H) mm
Backlight	White
Assembly Type	COG

Product Overview

The graphic dot matrix FSTN COG LCD 128x64 monochrome display module with 3.3V operating voltage is a versatile LCD display solution suitable for various applications.

Key Features

Display Technology: FSTN (Film Stabilized Transverse Nematic) technology provides wide viewing angles and high contrast for clear content visibility from multiple angles

COG Packaging: Chip on Glass technology bonds the chip directly to the glass, creating a thinner, more stable module with reduced pin connections for enhanced reliability

Resolution: 128x64 dot matrix capable of displaying graphics, text, numbers, and other information

Operating Voltage: 3.3V compatible with most embedded systems and main control chips (STM32, ESP32, etc.) without requiring additional level conversion circuits

Driver Compatibility: Supports common driver chips including ST7567, KS0108 with mature technology and extensive documentation

Interface Options: Parallel and serial interface modes for flexible connection with various control devices

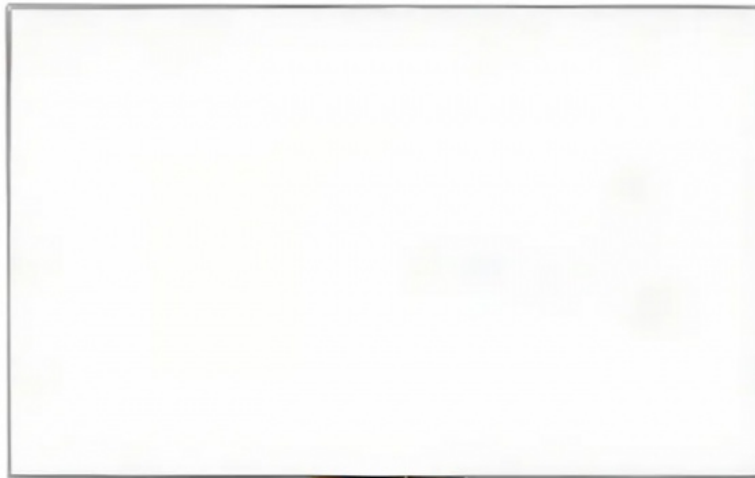
Display Options: Monochrome display available in white background black text, green background black text, and blue background white text combinations

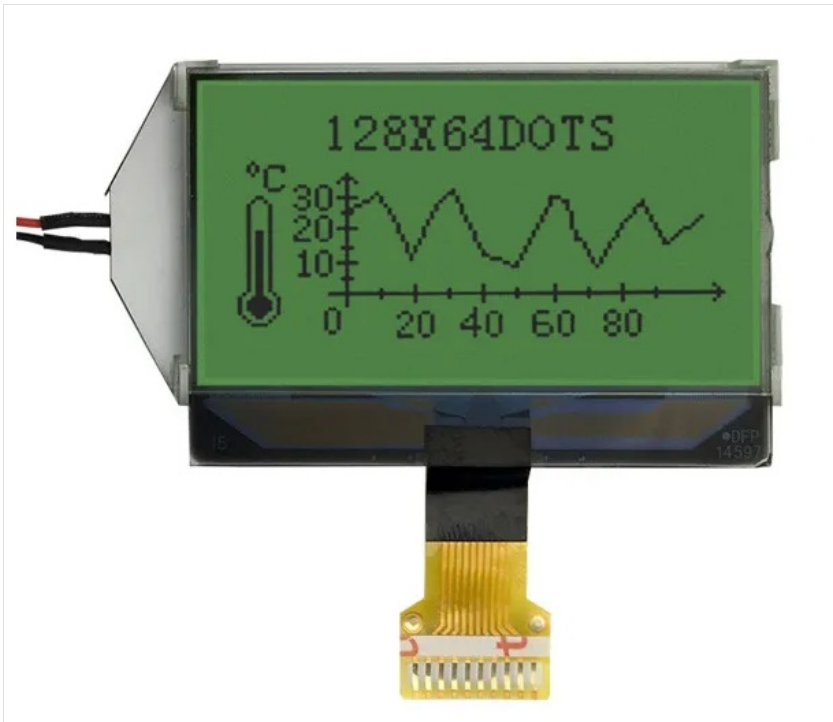
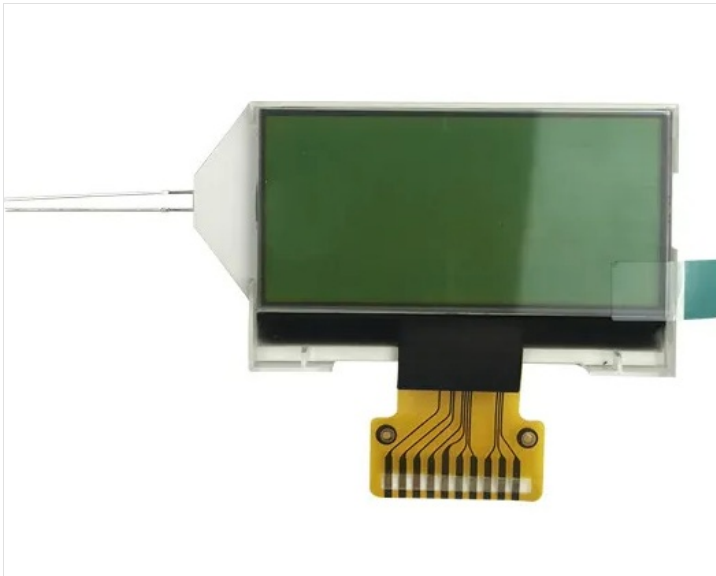
Applications

Industrial Control Panels: CNC machines, automation equipment, instrument systems for parameter settings, operating status, and fault information display

Embedded Products: Smart meters, access control controllers, medical equipment for data display and operation menus

Maker Projects: DIY applications including smart watches, robot status screens, electronic calendars, and weather information displays





Frequently Asked Questions

I want the LCD display 8 digits and the outline size is 65x30x2.8mm. Is this possible?

Yes, we can accommodate this requirement. Please provide your specifications or drawing. If you don't have specifications, you can send samples and we'll recommend suitable standard products or customize based on your requirements.

This LCD is what we want, but it's too large. Do you have smaller sizes? The display content also needs minor changes.

For segment type LCD modules requiring size modifications or display content changes, we need to create a new LCD glass module with custom tooling.

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

Yes, we can modify the display type according to your request.

Can you customize a new LCD module?

Yes, we provide custom LCD module services. 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 tooling?

Typically 15-25 days after drawing confirmation and tooling charge payment. We'll provide exact timelines upon drawing approval.

Can you send samples for evaluation?

Yes, sample orders are available.

What is the lead time for production?

For standard products in stock: 1 day after payment. For mass production of custom items: approximately 15-30 days. We'll notify you if we can complete orders earlier.



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