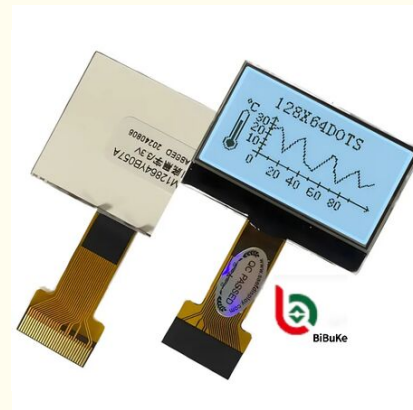


White Backlight 128x64 COG LCD Display with FSTN Positive and 3.3V Operating Voltage

Our Product Introduction

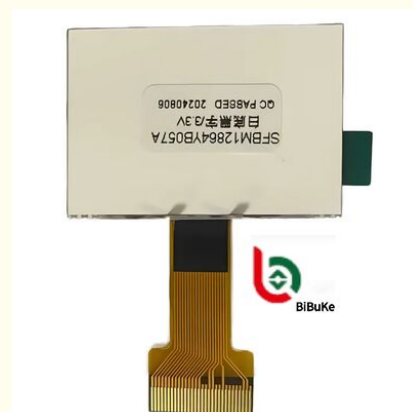
Basic Information

- 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

- Surface Luminance: 350 Cd/m2(nits)
- Outline Size: 40.0L×28.0W×4.5H(max)
- Operating Temperature: -20°C To +70°C
- Interface: 6800-Series OR 8080 Series MPU
- Backlight Type: LED
- Pin Number: 28PIN
- Panel Type: LCD
- Polarizer Type: Transflective
- Highlight: **White Backlight COG LCD Display, FSTN Positive 128x64 LCD Module, 3.3V Operating Voltage Graphic LCD Screen**



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Product Description

White Backlight 128X64 Pixel COG LCD Display

High-resolution graphic display module with white LED backlight, ideal for various industrial and electronic applications.

Technical Specifications

Parameter	Specification	Unit
Module Size (L×W×H)	40.0×28.0×4.5 (max)	mm
View Area (W×H)	37.0×20.0	mm
Effective Area	128×64	dot
Dot Pitch (W×H)	0.27×0.27	mm
Dot Size (W×H)	0.245×0.245	mm

Product Overview

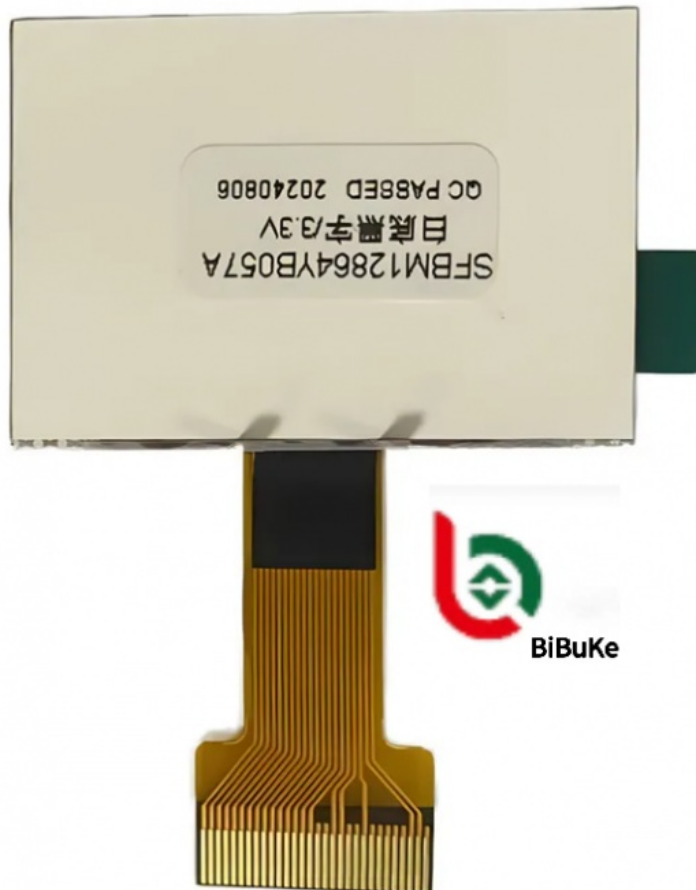
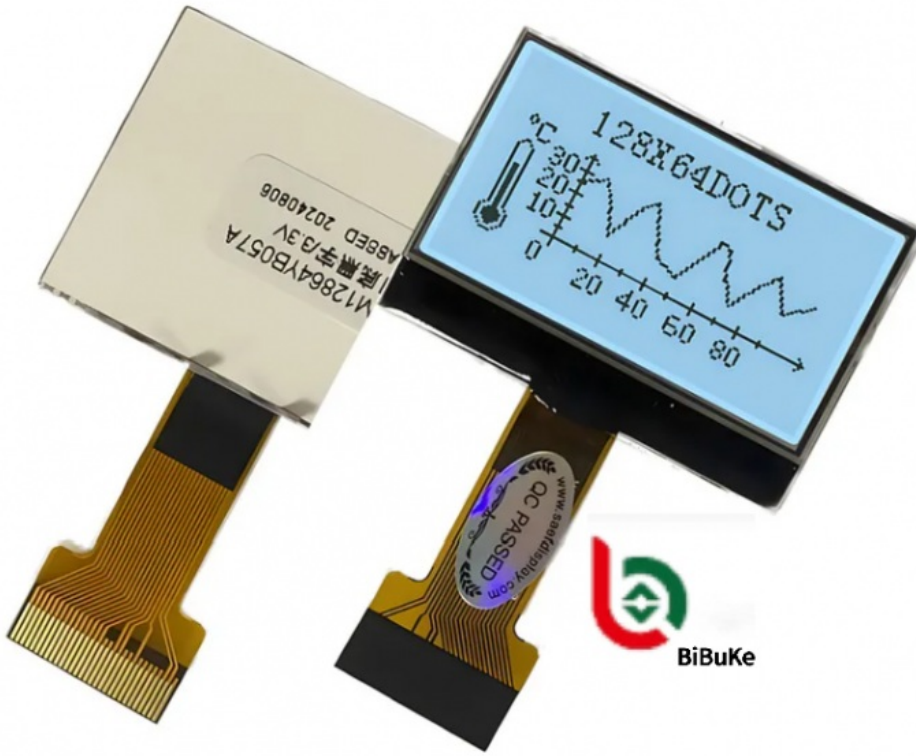
The 128X64 pixel COG LCD display features FSTN positive display technology with 3.3V operation and integrated white backlight unit. This compact display module offers excellent readability in various lighting conditions.

Key Features

- High Resolution:** 128×64 pixel graphic matrix capable of displaying text, numbers, and graphics
- Advanced Technology:** FSTN (Film Compensation Type Super Twisted Nematic) positive display for optimal visibility
- Compact Design:** COG (Chip On Glass) packaging for small size, high integration and reliability
- Low Power:** 3.3V operation with low power consumption for battery-powered devices
- Enhanced Visibility:** White LED backlight ensures clear display in low-light conditions
- Compatible Drivers:** Supports ST7565R, ST7567 and similar driver chips for easy microcontroller integration

Applications

- Instrumentation:** Multimeters, oscilloscopes, blood glucose meters
- Industrial Control:** PLC systems, HMI interfaces, equipment status displays
- Handheld Devices:** Portable terminals, electronic dictionaries, gaming consoles
- Smart Home:** Control panels for temperature, humidity, and lighting systems
- Medical Equipment:** Portable monitoring devices and diagnostic instruments



Frequently Asked Questions

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

Yes, we can accommodate your requirements. Please provide your specifications or drawing. If unavailable, send samples and we'll recommend suitable options or customize based on your needs.

This LCD is perfect but 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.

This display is HTN type, but I need STN type. Can you provide this?

Absolutely. We can modify the display type according to your specific requirements.

Can you customize a new LCD module?

Yes, we specialize in custom LCD solutions. Please provide your drawing or specifications including outline size, display information, glass thickness, polarizer type, connector mode, temperature requirements, supply voltage, viewing direction, and drive conditions.

What is the lead time for tooling?

Tooling typically requires 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 for your testing and verification.

What is the production lead time?

Standard products in stock ship within one day after payment. Mass production for custom orders typically takes 15-30 days, with earlier completion updates provided when possible.



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