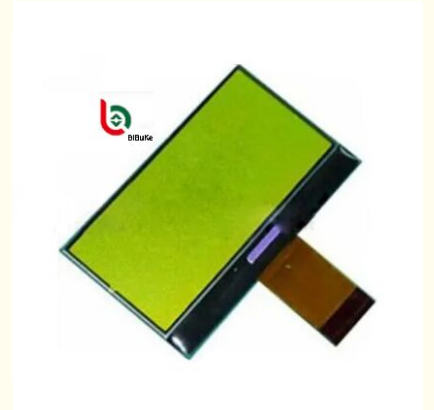


## 128x64 Dot Matrix COG LCD Display with Transflective Polarizer and 12 O'Clock Viewing Angle for Industrial Applications

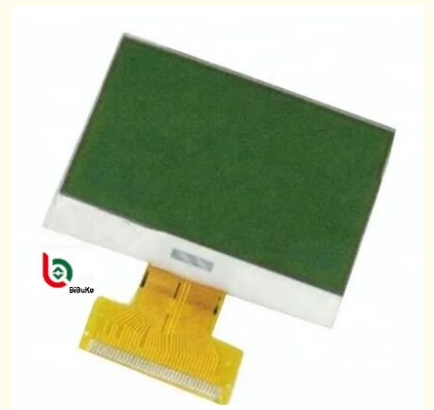
### Basic Information

- 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

- Screen Type: Graphic
- Display Size: Customized
- Viewing Angle: 12 O' Clock
- Drive Method: 1/65duty 1/9 Bias
- Rohs Compliant: Yes
- Display Mode: Postive
- Polarizer Type: Transflective
- Displaytype: COG (Chip On Glass) LCD
- Highlight: **128x64 Dot Matrix COG LCD Display ,  
Transflective Polarizer Graphic STN LCD,  
12 O'Clock Viewing Angle FSTN LCD Module**



## Product Description

### 128x64 Dots STN COG FSTN Graphic STN LCD Display

High-resolution 128x64 dot matrix graphic LCD display module featuring COG packaging and FSTN liquid crystal technology for superior performance in industrial applications.

#### Technical Specifications

Type	Graphic
Display Size	Custom
LCD Type	FSTN
Viewing Angle	12 o'clock
Display Mode	Positive
Polarizer Mode	Transflective
Drive Method	1/65 duty, 1/9 bias
Operating Voltage	4.5V
Operating Temperature	-10°C to +60°C
Storage Temperature	-20°C to +70°C

#### Product Features

**COG Packaging:** Chip-on-Glass technology reduces module frame size, improves integration, and enables thinner product designs without additional PCB board space

**FSTN Technology:** Fringe Stacked Transflective Nematic liquid crystal with compensation film eliminates chromatic dispersion for high-contrast black-and-white display and wider viewing angles

**High Resolution:** 128x64 dot matrix capable of displaying characters, numbers, and simple graphics for text information, charts, and menus

**Flexible Interface:** High-speed 8-bit parallel data bus compatible with 80/68 series and SPI serial interface options for easy microcontroller integration

**Low Power Consumption:** 3.3V operating voltage with minimal power consumption, ideal for battery-powered devices

**Wide Temperature Range:** Operates from -20°C to +70°C, suitable for various environmental conditions

#### Applications

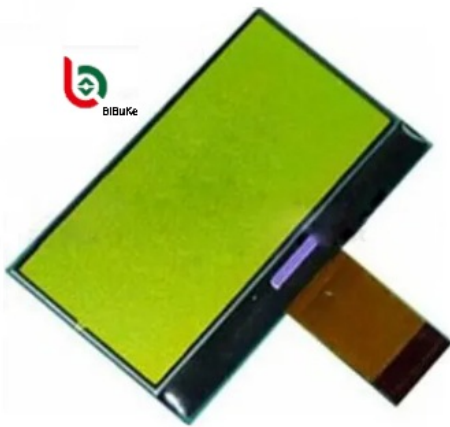
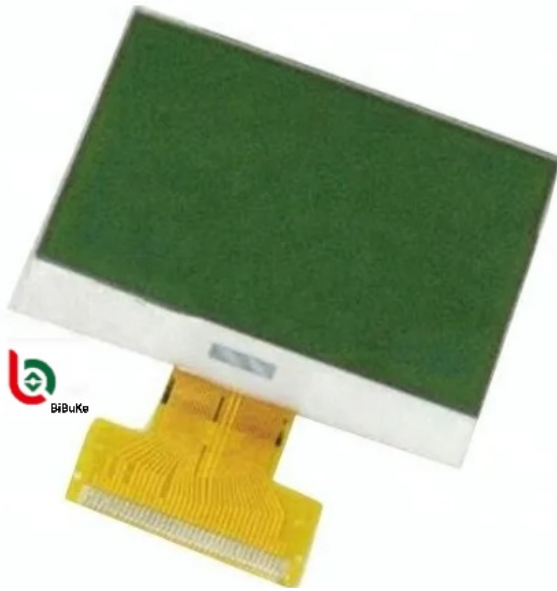
**Industrial Control:** PLC systems, HMI interfaces, temperature controllers for equipment status and parameter display

**Instrumentation:** Multimeters, oscilloscopes, signal generators for measurement data and waveform display

**Medical Equipment:** Patient monitors, blood glucose meters, portable diagnostic devices for physiological parameter display

**Smart Home:** Thermostats, security control panels, smart meters for equipment status and operation menus

**Commercial Equipment:** Vending machines, ATMs, self-service terminals for user prompts and transaction information



## Frequently Asked Questions

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

Yes, we can accommodate custom specifications. Please provide your detailed specification document or drawing. If unavailable, you can send samples and we'll recommend suitable options or customize according to your requirements.

### **This LCD meets our needs but the size is too large. Do you have smaller options with modified display content?**

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

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

Yes, we can modify the LCD type to STN according to your specifications.

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

Absolutely. Please provide your drawing specifications. If unavailable, share the outline size, display information (glass thickness, polarizer type, display type, connector mode, storage/operating temperature, supply voltage, viewing direction, drive conditions) and we'll create a custom solution.

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

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

### **Can you provide samples for evaluation?**

Yes, sample orders are available for quality 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.



**Dongguan Bibuke Electronic Technology Co., Ltd.**

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