

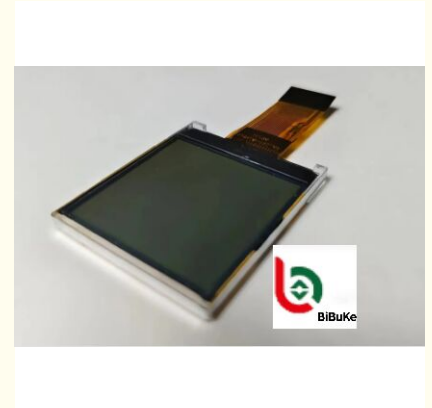
## FSTN LCD Display with 128\*128 Resolution Customizable COG LCD Module for Wide Temperature Range Applications

Our Product Introduction

for more products please visit us on [lcdftfscreen.com](http://lcdftfscreen.com)

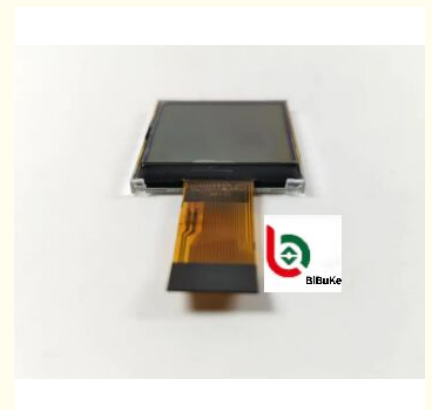
### Basic Information

- 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

- Overall Dimensions: 35.1 X 30.9 X 3 Mm
- Operating Temperature: -20°C To 70°C
- Viewing Size: 26.355x 25.33 Mm
- Product Type: FSTN Positive
- Touchscreen: Optional Resistive Or Capacitive
- Backlight Technology: LED
- Connect: Pin, Zebra Or FPC
- Storage Temperature: -30°C To 80°C
- Highlight: **128\*128 Resolution FSTN LCD Display , Customizable Size COG LCD Module, Wide Temperature Range Graphic LCD Screen**



## Product Description

### FSTN Custom 128×128 Graphic COG LCD Display

High-performance FSTN graphic COG LCD display module with custom 128×128 resolution for industrial and commercial applications.

#### Technical Specifications

Item	Content	Description
1	LCD Type	TN, HTN, FSTN, VA, DFSTN, STN LCD Display
2	Outline Size	Customized
3	VA Size	Custom
4	Viewing Direction	6 O'clock or 12 O'clock
5	Voltage	2.8V, 3.0V, 3.2V, 3.6V, 4.0V, 4.5V, 5.0V
6	Display Mode	Positive or Negative
7	Backlight	With or without
8	Operation Temp	0°C to +50°C, -10°C to +60°C, -20°C to +70°C
9	Storage Temp	-10°C to +60°C, -20°C to +70°C, -30°C to +80°C, -35°C to +90°C
10	Contacting	Pin, Zebra or FPC

#### Product Features

**Display Technology:** Utilizes FSTN (Fringe Field Transverse Nematic) technology with high contrast ratio and wide viewing angle for clear image display under various lighting conditions

**COG Process:** Chip On Glass technology bonds the driving chip directly onto the glass substrate, reducing display size and making it thinner and lighter with superior heat dissipation, stability, and high-density ultra-thin integrated control

**Resolution:** 128×128 dot matrix resolution providing clear graphic and text display for menus, icons, and data presentation

**Interface Method:** Commonly uses SPI interface with fast communication speed, simple protocol, and easy implementation for connection with microcontrollers and master control devices

**Operating Temperature:** Range of -20°C to +70°C with storage temperature range of -30°C to +80°C, adaptable to various environmental conditions

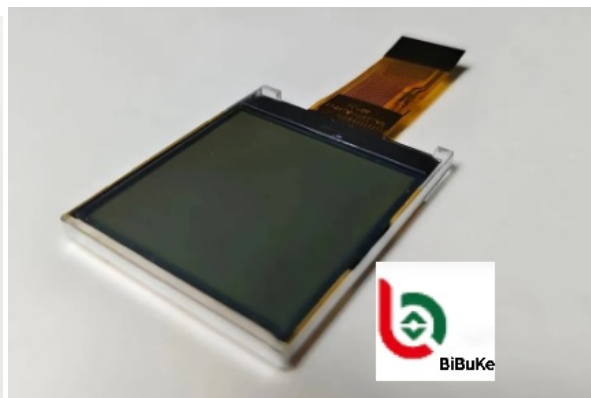
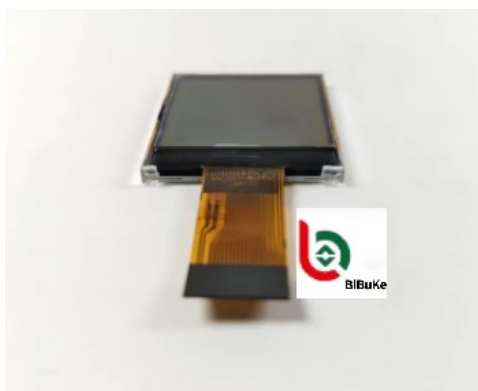
#### Applications

**Industrial Control:** Display panels for industrial equipment providing real-time status information and operation interfaces

**Medical Devices:** Medical instruments displaying patient physiological data (heart rate, blood pressure, temperature) and equipment working status

**Portable Instruments:** Handheld devices including multimeters and data collectors with clear display and low power consumption

**Consumer Electronics:** Smart home devices, smart meters, smart locks, and electronic toys with user-friendly interactive interfaces



## Frequently Asked Questions

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

No problem. Please send us your specification/drawing paper. If you don't have specifications, you can provide samples and we'll recommend suitable options or customize based on your requirements.

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

For segment type LCD modules requiring outline size or display content modifications, we need to create a new LCD glass module and open new tooling for you.

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

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

**I want to customize a new LCD module. Can you do this?**

Yes, we can customize LCD modules. Please send your drawing paper or provide outline size, display information (glass thickness, polarizer, display type, connector mode, storage temp, operating temp, supply voltage, viewing direction, drive condition).

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

Typically 15 to 25 days after drawing paper confirmation and tooling charge payment. We'll provide exact timing upon drawing confirmation.

**Can you send us samples for checking?**

Yes, sample orders are available.

**What is the lead time?**

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



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