

1.28 Inch Small Size Round TFT LCD Display with 128x128 Resolution and SPI Interface

Our Product Introduction

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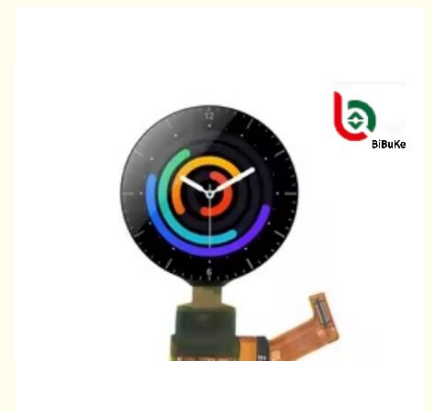
Basic Information

- Place of Origin: China
- Brand Name: BBI
- Certification: ISO90001 RoHS
- Model Number: BBI-001
- Minimum Order Quantity: 1000
- Price: 0.7-7USD
- Packaging Details: CARTON
- Delivery Time: 3-47WEEKS
- Payment Terms: T/T
- Supply Ability: 100000/MONTH



Product Specification

- Display Mode: Normally Black
- Display: TFT Round LCD Display
- Port: Shenzhen
- Panel Type: IPS
- Keyword: Round Shape
- Operating Temperature: -20°C To 70°C
- Highlight: **Small Size Round TFT LCD Display ,
Round TFT LCD Display 128x128,
SPI Interface LCD Display 1.28 Inch**



1.28 Inch Small Size Round TFT LCD Display

128x128 SPI Interface LCD Display with compact circular design

Product Specifications

Item	Specifications
Product Name	1.28-inch Round ShaCircle TFT LCD Display
Display Mode	Normal black
Viewing Direction	All
Resolution	128x128 dots
Operating Temperature	-20°C to +70°C
Storage Temperature	-30°C to +80°C
FPC Connector	25 pins, ZIF type
Panel Type	IPS
Interface	SPI
Backlight Type	3 LEDs, White
Brightness	250 cd/m ²
Active Area	32.4mm × 32.4mm

This 1.28-inch 128x128 SPI circular TFT LCD display is a compact display module featuring a circular form factor, SPI interface convenience, and visual adaptation for various embedded and portable applications. Primarily used in smart wearables, small instruments, IoT terminals, and creative electronics.

Product Core Features

- TFT (thin film transistor) technology with 1.28-inch diagonal size
- Circular effective display area diameter of approximately 32.4mm
- 128x128 pixel resolution for clear text, icons, and graphics
- GC9A01 and other driver ICs supporting 262K or 65K full-color display
- IPS panels with full-view characteristics and minimal color deviation
- SPI interface (3-wire/4-wire) reduces MCU pin requirements
- Compatible with Arduino, ESP32, and other mainstream microcontrollers
- 3.3V operating voltage with low power consumption
- LED backlight with brightness up to 300-350 cd/m²
- Thin, lightweight structure with integrated PCB driver and backlight circuits
- Optional customization with capacitive touch, cover glass, and other features

Main Applications

- Smart Wearable Devices:** Smart bracelets, sports watches, health monitors displaying steps, heart rate, time, and alerts
- Small Instruments & Meters:** Blood glucose meters, portable monitors, multimeters, temperature recorders
- Smart Home & IoT Terminals:** Smart speaker controls, light panels, environmental sensors
- Creative Electronics & DIY Projects:** Smart badges, portable players, mini game consoles
- Industrial & Embedded Displays:** PLCs, equipment status indicators, control system visualization

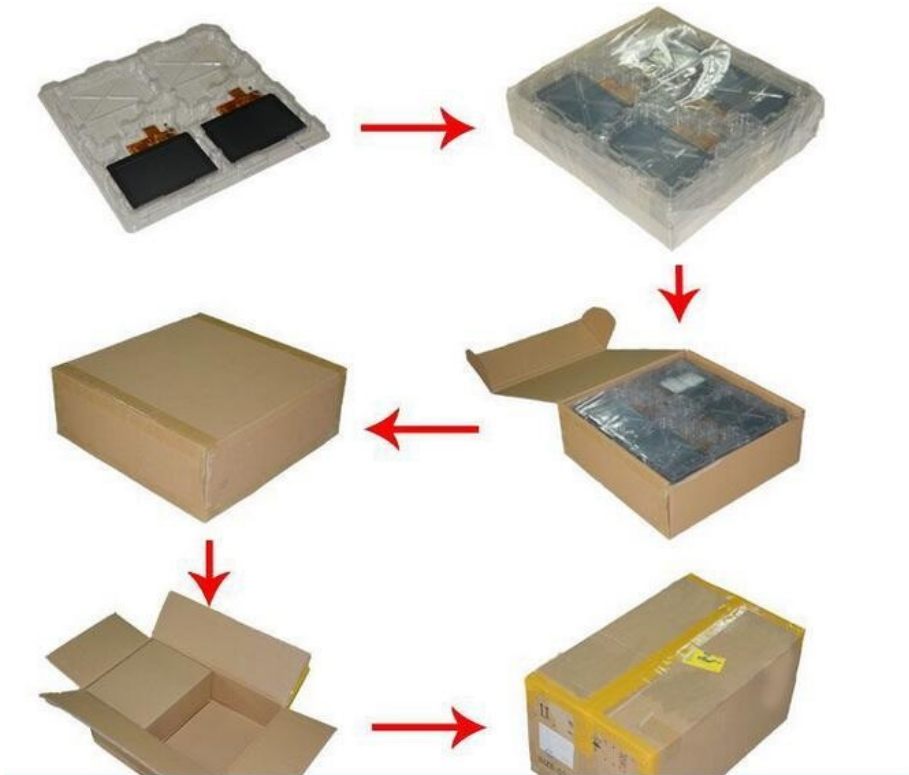
Selection and Usage Tips

- Choose models compatible with mature drivers like GC9A01/ST77xx for easier development
- Select high-brightness models (≥ 350 cd/m²) for outdoor applications
- Consider backlight current and power optimization for battery-powered devices
- Verify mechanical compatibility including thickness, fixation method, and pin spacing



Packaging & Shipping

Packaging options include carton boxes, cupboard, EPE, and blister trays. Packaging methods are customized based on product size and customer requirements.



Shipping methods available: DHL, FedEx, EMS, UPS, air shipping, and sea shipping.

						
	2-7days	2-8days	2-7days	3-15days	2-5days	2-7days
Notice	<ol style="list-style-type: none"> EMS for Brazil, Russia and Remote areas . SF for Hong Kong, Taiwan, South Korea, Japan, Thailand, Singapore and Malaysia . Having logo product can't be sent by FEDEX . The Brazil want to use FEDEX/DHL , need to offer CNPJ / CPF to us ! 					

Payment Methods



Frequently Asked Questions

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

Yes, please send us your specifications or drawing. If you don't have specifications, provide samples and we'll recommend suitable options or customize based on your requirements.

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

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

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

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

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

Yes, please send your drawing. If you don't have one, provide the outline size, display information, and technical specifications.

What is the lead time for tooling?

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

Can you send us samples for checking?

Yes, sample orders are available.

What is the lead time?

For standard products in stock: 1 day after payment. For mass production of custom items: 15-30 days.

Our Services

- Free repair within one year after shipment
- Replacement within 30 days for product-related issues
- Custom logo printing and model number application
- Competitive shipping rates through established partnerships
- Professional technical support and responsive after-sales service
- Comprehensive quality inspection and testing before shipment
- 24-hour response time for customer inquiries and support
- Full customization services for all types of LCD displays

Product Applications

- Household Appliances:** Refrigerators, air conditioners, fans, heaters, water heaters, air purifiers, washing machines, vacuum cleaners, microwave ovens, cookers
- Communication Equipment:** Telephones, interphones, fax machines, wireless devices
- Automotive Electronics:** Entertainment systems, navigation, audio, cameras, anti-theft devices
- Instruments:** Water meters, electric meters, multimeters, scales, pressure and temperature meters
- Fitness Equipment:** Treadmills, exercise bikes, training devices, pedometers, health monitors
- Financial Equipment:** Tax control machines, POS systems, banknote counters, invoice machines
- Consumer Electronics:** MP3/MP4 players, DVDs, electronic dictionaries, calculators, clocks

Features include high resolution, high definition, brightness, cost-effectiveness, energy efficiency, wide temperature range operation, and positive/negative display options.



Dongguan Bibuke Electronic Technology Co., Ltd.



+8613711912723



Jack@smartwinlcd.cn



lcdftscreen.com

