

5 Inch Round TFT LCD Display with 700CD Brightness and SPI Interface for High Visibility

Our Product Introduction

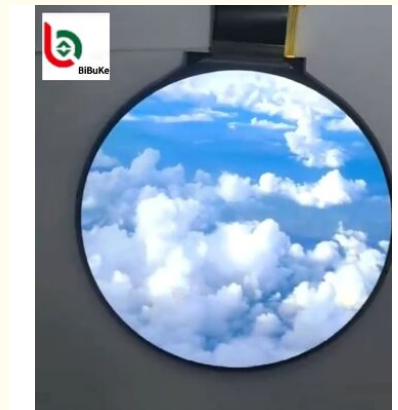
Basic Information

- Place of Origin: China
- Brand Name: BBI
- Certification: ISO90001 RoHS
- 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 Size: 5 Inches
- Brightness: 700 Cd/m²
- Display Type: TFT LCD
- Viewing Angle: All
- Size: 5 Inch
- Screen Type: TFT
- Highlight: 5 inch round TFT LCD display , round TFT LCD display 700CD , SPI interface TFT LCD display



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Product Description

5 Inch Round TFT LCD Display 700CD 1080×1080 SPI Interface

Technical Specifications

| | |
|-------------------|-------------------------------------|
| Place Of Origin | China |
| Certification | RoHS, ISO9001:2015 |
| LCD Type | TFT |
| Panel Size | 5 Inch (Diagonal) |
| LCD Resolution | 1080×1080 |
| View Direction | Free |
| Driver IC | ST7735P3 |
| Interface | SPI |
| Packaging Details | Anti-Plastic Trays and Carton Boxes |
| Supply Ability | 5000K Pcs/Month |

Product Specifications

| | |
|-----------------------|--|
| Product Name | 5-inch Round ShaCircle TFT LCD Display |
| Display Mode | Normal black |
| Viewing Direction | All |
| Resolution | 1080×1080 dots |
| Operating Temperature | -20~+70 |
| Storage Temperature | -30~+80 |
| FPC Connector | 25 pins, ZIF type |
| Panel Type | IPS |
| Interface | SPI |
| Backlight Type | 3LEDs, White |

Product Introduction

This high-performance 5-inch round TFT LCD display features TFT technology with IPS panel, delivering exceptional viewing angles and 16.7 million colors with high color accuracy. The 1080×1080 square resolution ensures sharp text and image edges without blurriness. With 700cd/m² brightness and white LED backlight, it provides clear visibility in outdoor and vehicle-mounted environments.

The SPI interface offers stable transmission and simple wiring, easily connecting with embedded systems and control boards. The 25-pin ZIF type FPC connector enables compact installation in space-constrained devices.

Designed for reliable operation in harsh conditions, this display operates from -20 to 70 and stores from -30 to 80 . Certified with RoHS and ISO 9001 standards for quality assurance.

Applications

Automotive Electronics

Ideal for vehicle fault detectors, reversing radar displays, and small navigation screens. High brightness ensures readability in sunlight, while the circular design fits specialized vehicle interiors.

Industrial & Measurement Equipment

Perfect for smart water meters, electricity meters, and pressure gauges requiring stable long-term data display in complex environments.

Consumer & Smart Home

Suitable for high-end electronic scales, appliance control panels, and fitness equipment displays showing real-time exercise data.

Medical & Detection Equipment

Used in portable medical devices like blood pressure monitors and glucose testers, providing accurate health data reading with compact, low-power design.



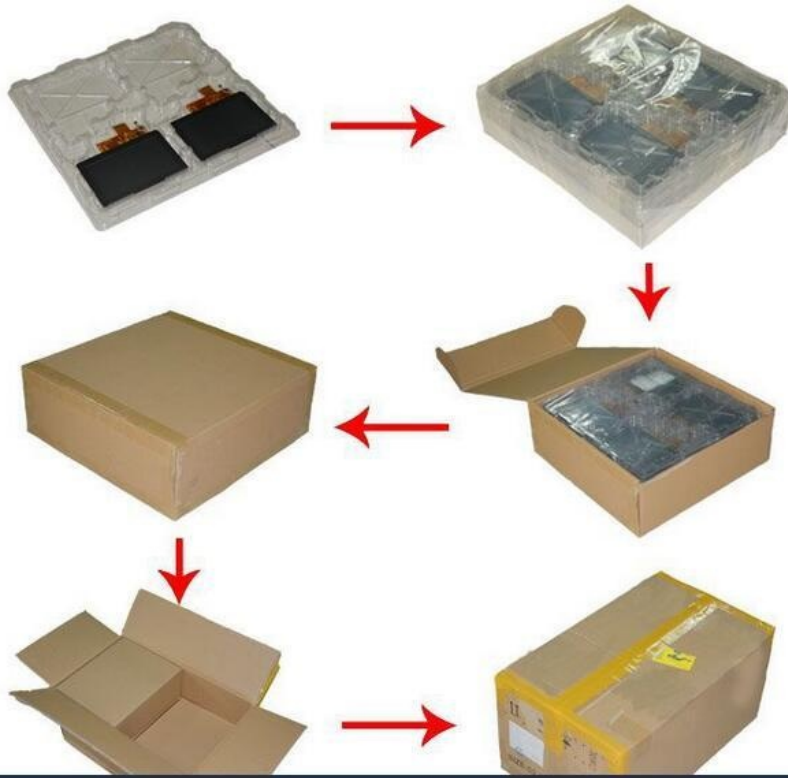


Application Fields

- Audio Products
- Medical Equipment
- Industrial Products
- Automotive Electronics
- Sports Equipment
- Watches
- Household Appliances

Packaging & Shipping

Packaging: Carton boxes, cupboard, EPE, blister tray. Custom packaging available based on product size and customer requirements.



Shipping: Express services including DHL, FedEx, EMS, UPS, air shipping, and sea shipping available.

| | | | | | | |
|--|---|---|---|---|--|---|
|  |  |  |  |  |  |  |
| | 2-7days | 2-8days | 2-7days | 3-15days | 2-5days | 2-7days |
| Notice | <ol style="list-style-type: none"> 1. EMS for Brazil, Russia and Remote areas . 2. SF for Hong Kong, Taiwan, South Korea, Japan, Thailand, Singapore and Malaysia . 3. Having logo product can' t be sent by FEDEX . 4. The Brazil want to use FEDEX/DHL , need to offer CNPJ / CPF to us ! | | | | | |

Payment Methods



Frequently Asked Questions

Can you customize LCD displays with specific dimensions and display content?

Yes, we can customize based on your specifications or samples. For segment type LCD modules requiring size or content changes, new tooling is required.

Can you change LCD types (HTN to STN)?

Yes, we can modify LCD types according to your requirements.

What is the tooling lead time?

Typically 15-25 days after drawing confirmation and tooling payment.

Do you provide samples?

Yes, sample orders are available for evaluation.

What is the production lead time?

Standard products: 1 day after payment. Custom production: 15-30 days.

Our Services

- Free repair within one year after shipment
- Replacement within 30 days for product issues
- Custom logo and model number printing

Professional technical support and after-sales service

Comprehensive quality inspection before shipment

24-hour customer support response

Custom LCD display manufacturing

Product Applications

Household appliances: refrigerators, air conditioners, washing machines, microwave ovens

Communication equipment: telephones, interphones, fax machines

Automotive electronics: entertainment systems, navigation, cameras

Instruments: water meters, electric meters, pressure meters

Fitness equipment: treadmills, exercise bikes, pedometers

Financial equipment: POS machines, banknote counters

Consumer electronics: MP3 players, calculators, electronic clocks



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