

## Customized 2.76 Inches Round TFT LCD Display Module with 550 cd/m<sup>2</sup> Brightness and 480 x 480 Resolution

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

- Number Of Pins: 24 Pins
- Color Depth: 65K/262K
- Working Temperature: -20 ~70
- Panel Type: IPS
- Brightness: 300 Cd/m<sup>2</sup>
- Size: 2.76inches
- Highlight: 2.76 inch round TFT LCD display , 480x480 resolution TFT module, 550nits brightness round display



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## Product Description

### Customized 2.76 Round TFT LCD Display Module

High-performance 2.76-inch circular TFT LCD display with 550 nits brightness and 480 × 480 resolution, featuring capacitive touch full lamination and wide temperature operation.

#### Technical Specifications

Place Of Origin	Guangdong, China
Brand Name	BBI
Certification	CE ROHS FCC
IC/LCM Driver IC	ST7701S
Size	2.76 INCH
Active Area	Φ70.128
Lumens Degrees	550 cd/M <sup>2</sup>
Pixel Pitch (W*H)	0.111*0.111
Mechanical Outline Size (W*H*T)	81.23*84.4*3.68
Operating Temperature	50

#### Product Features

- 2.76-inch circular full-color TFT LCD display with capacitive touch full lamination
- 480 × 480 resolution with IPS full view high-definition display
- High brightness 550 cd/m<sup>2</sup> for excellent outdoor visibility
- Wide temperature range: -30°C to +80°C operation
- Supports RGB556/666/888 and MIPI interfaces
- Compact mechanical outline: 81.23 × 84.4 × 3.68 mm
- Customizable display brightness, FPC structure, and touch/backlight configurations

#### Interface Compatibility

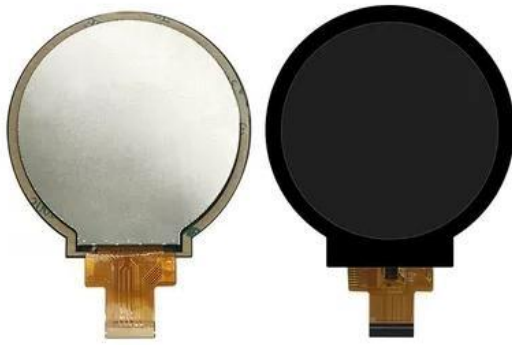
The Round TFT LCD features high-speed RGB556/666/888 and MIPI interfaces, ensuring fast data transmission and supporting a wide color range for vibrant, realistic image display.

#### Compact Design

With a mechanical outline size of 81.23 × 84.4 × 3.68 mm, this display offers a compact and lightweight solution perfect for small portable devices without compromising display quality.

#### High Brightness Performance

At 550 cd/m<sup>2</sup> luminance, the Round TFT LCD delivers exceptional brightness and clarity, making it clearly visible even in bright environments. Ideal for outdoor applications in smartwatches, fitness trackers, and wearable devices.



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## Packaging & Shipping

### Packaging Options

Carton boxes, cupboard, EPE, blister tray. Packaging method depends on product size and can be customized according to customer requirements and regional specifications.



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### Shipping Methods

Express shipping via DHL, FedEx, EMS, UPS, air shipping, or sea shipping. We accommodate any preferred shipping method.

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

#### Payment Methods



#### Frequently Asked Questions

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

No problem. 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 big. Do you have smaller sizes? The display content needs minor changes.

For segment type LCD modules requiring outline size or display content modifications, new LCD glass modules with custom tooling are needed.

##### 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 request.

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

Yes, we can customize LCD modules. Please provide your drawing or specifications including outline size, display information, glass thickness, polarizer, display type, connector mode, temperature specifications, supply voltage, viewing direction, and drive conditions.

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

Typically 15 to 25 days after drawing confirmation and tooling charge payment. Exact timing will be confirmed upon drawing approval.

##### Can you send samples for evaluation?

Yes, sample orders are available for quality verification.

##### What is the lead time for production?

For standard products in stock: 1 day after payment. For mass production of custom items: approximately 15-30 days. We'll provide updates if we can complete earlier.

#### Application Fields

Audio Products
Medical Equipment
Industrial Products
Automobiles
Sports Equipment
Watches
Household Appliances



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