

## 1.54 Inch Small LCD Display TFT LCD Screen with 240x240 Dots Resolution and ST7789 Driver IC

Our Product Introduction

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### 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

- Led Number: 3LEDs
- Power Supply: 2.8V
- Viewing Direction: 12 O'clock
- Screen Size: 1.54 Inches
- Driver Ic: ST7789T3
- Lcd Resolution: 240x240 Pixels
- Highlight: 240\*240 Dots Small LCD Display,  
ST7789 Small LCD Display,  
2.8V Small LCD Display



### More Images



## Product Description

### 1.54 Inch Small LCD Display TFT LCD 240×240 Dots ST7789 2.8V

Compact 1.54-inch TFT LCD display with high-resolution 240×240 pixel IPS panel, featuring ST7789 driver IC and SPI interface for versatile integration.

#### Technical Specifications

Panel Size	1.54 Inch (Diagonal)
LCD Resolution	240×240 Dots
Viewing Angle	All Directions
Driver IC	ST7789T3
Interface	SPI
FPC Connector	15-pin ZIF Type

#### Detailed Parameters

Item	Specifications
Product Name	1.54 Inch TFT LCD
LCD Type	IPS
Resolution	240×240 dots
Operating Temperature	-20°C to +70°C
Storage Temperature	-30°C to +80°C
FPC Connector	15PIN, ZIF type
Driver IC (COG)	ST7789T3
Interface	SPI
Backlight Type	3-LED, White
Luminance	250 cd/m <sup>2</sup>
Outline Dimension	31.52(H)×33.72(V)×1.92(D) mm
Active Area	27.72(H)×27.72(V) mm

#### Product Overview

This 1.54-inch TFT LCD display combines compact dimensions with powerful performance, making it ideal for space-constrained applications.

**Dimensions:** Compact 33.72mm × 31.52mm × 1.9mm footprint with 27.72mm × 27.72mm active display area

**Resolution:** High-density 240×240 pixels delivering approximately 194 PPI for crisp text and graphics

**Display Technology:** Advanced TFT with IPS panel technology supporting 16.7M colors and wide viewing angles

**Driver Chip:** ST7789 controller with SPI interface compatibility for Arduino, ESP32, STM32, and other microcontrollers

**Power Efficiency:** Low 2.8V operating voltage for extended battery life in portable devices

#### Applications

**Smart Wearable Devices:** Smart watches, fitness trackers for time, health data, and notification displays

**Electronic DIY Projects:** Miniature dashboards, electronic badges, custom watches, and weather displays

**IoT Devices:** Temperature monitors, air quality sensors, and real-time status displays

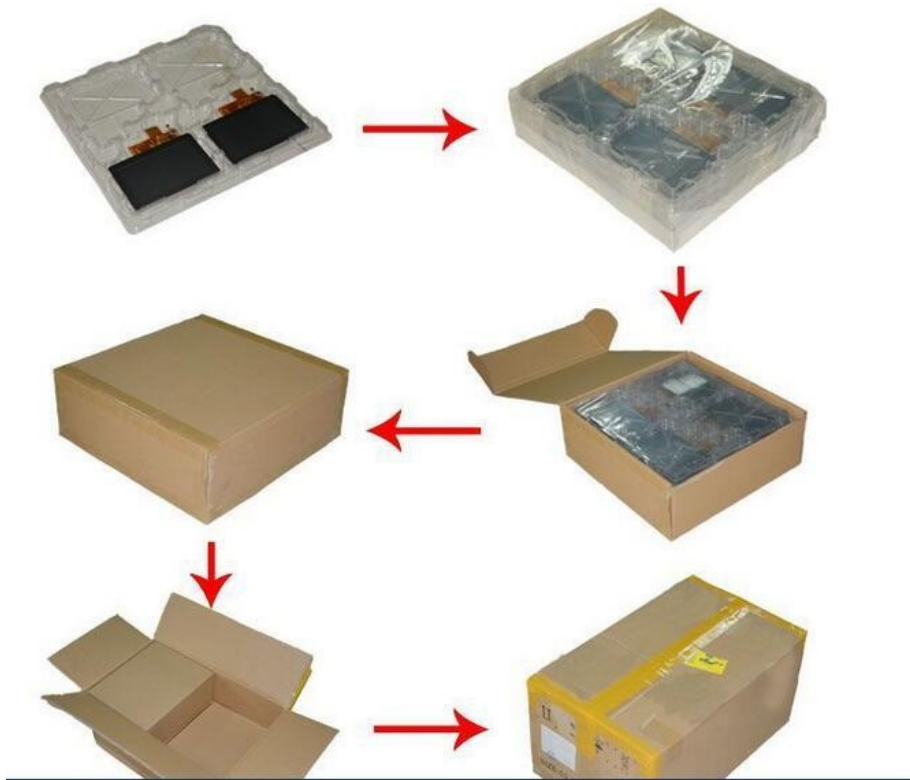
**Embedded Systems:** Robotics feedback displays, industrial control panels, and operator interfaces





### Packaging & Shipping

**Packaging:** Custom packaging solutions including carton boxes, cupboard, EPE, and blister trays tailored to product size and customer requirements.



**Shipping:** Global shipping via DHL, FedEx, EMS, UPS, air freight, and sea transport based on customer preference.

						
	2-7days	2-8days	2-7days	3-15days	2-5days	2-7days
<b>Notice</b>	<ol style="list-style-type: none"> <li>EMS for Brazil, Russia and Remote areas .</li> <li>SF for Hong Kong, Taiwan, South Korea, Japan, Thailand, Singapore and Malaysia .</li> <li>Having logo product can' t be sent by FEDEX .</li> <li>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?

Yes, we can accommodate custom specifications. Please provide your detailed requirements or samples, and we'll recommend suitable standard products or create custom solutions.

### This LCD is just what we want, but it is big size, do you have any smaller size? And the display content need to be changed a little.

For segment type LCD modules requiring size modifications or display content changes, we can create new tooling for custom glass modules.

### This LCD display is HTN type, but I want STN type, can you make?

Absolutely. We can modify display types according to your specific requirements.

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

Yes, we specialize in custom LCD modules. Please provide your drawings or specifications including outline size, glass thickness, polarizer type, display parameters, connector mode, temperature ranges, and drive conditions.

### What is leading time for tooling?

Standard tooling lead time is 15-25 days after drawing confirmation and payment. Exact timelines are provided upon project approval.

### Can you send us samples for checking?

Yes, sample orders are available for product evaluation.

### What is the Leading Time?

Standard products ship within 1 day after payment. Custom mass production typically requires 15-30 days, with expedited options when available.

## Our Services

- Free repair service within one year after shipment
- Product replacement within 30 days for manufacturing defects
- Custom branding with logo printing and model number application
- Competitive shipping rates through established logistics partnerships
- Professional technical support and responsive after-sales service
- Comprehensive quality control with pre-shipment testing by engineers
- 24-hour response time for all customer inquiries and support requests
- Complete customization services for all LCD display types and specifications



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