

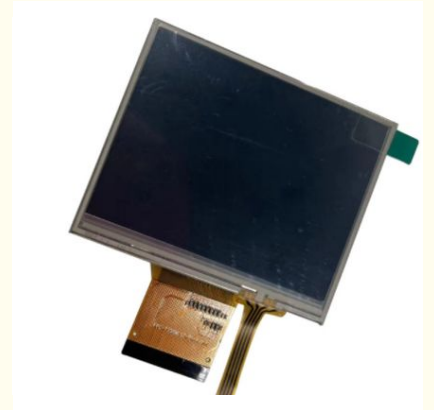
## 3.5 Inch 480 X 272 Dot TFT LCD Touch Screen with 16.7M Colors and Resistive Touch for Embedded Systems

Our Product Introduction

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

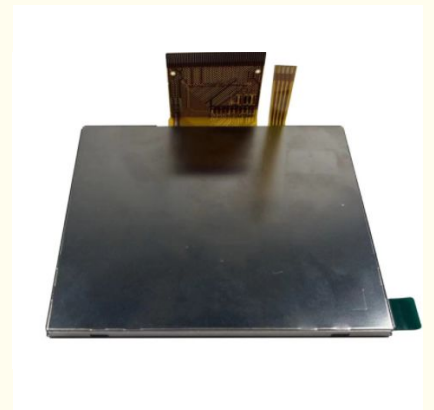
### Basic Information

- 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

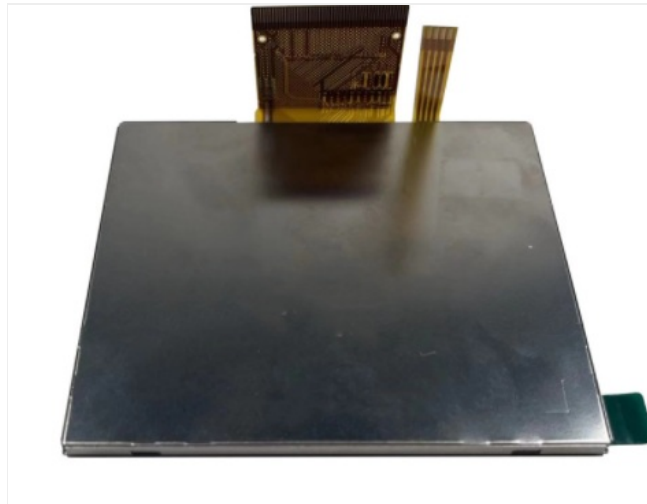
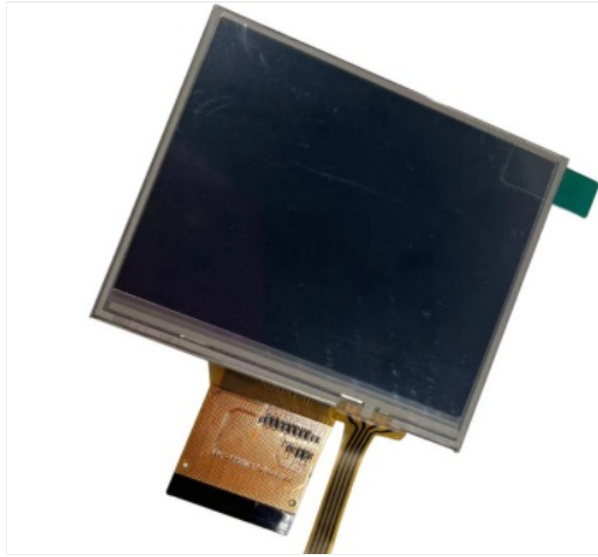
- Brightness: 350Cd / M2
- Touch: CTP
- Colors: 16.7M
- Outline: 86.80 Mm \* 56.50 Mm \* 3.90 Mm T
- Backlight Type: LED
- Viewing Angle: 6 O ' Clock
- Display Size: 3.5INCH
- Number Of Dots: 480\*272(RGB)
- Highlight: **3.5 Inch TFT LCD Touch Screen ,  
480 X 272 Dot Touch Screen Module,  
16.7M Colors TFT LCD Display**



## Product Description

### 480 X 272 Dot 3.5 Inch Adafruit Resistive TFT LCD Touch Screen Module

High-resolution 3.5-inch TFT LCD module with resistive touch screen, ideal for embedded systems and development applications.



### Technical Specifications

Parameter	Value
Resolution	480 × 272
Size	3.5 Inch
Viewing Direction	6 O'clock
TFT Mode	TFT, Transmissive
IC	OTA5180A

Item	Contents	Description
1	Product Name	480 × 272 Dot 3.5 Inch TFT LCD Resistive TouchScreen
2	Module Size	86.80 mm × 56.50 mm × 3.90 mm T
3	Resolution	480 × (RGB) 272
4	Touch	Resistive TP

5	Top Polarizer Type	Anti-Glare
6	Interface Type	Digital 24-bit RGB / SERIAL
7	Colors	16.7 M

### Key Features

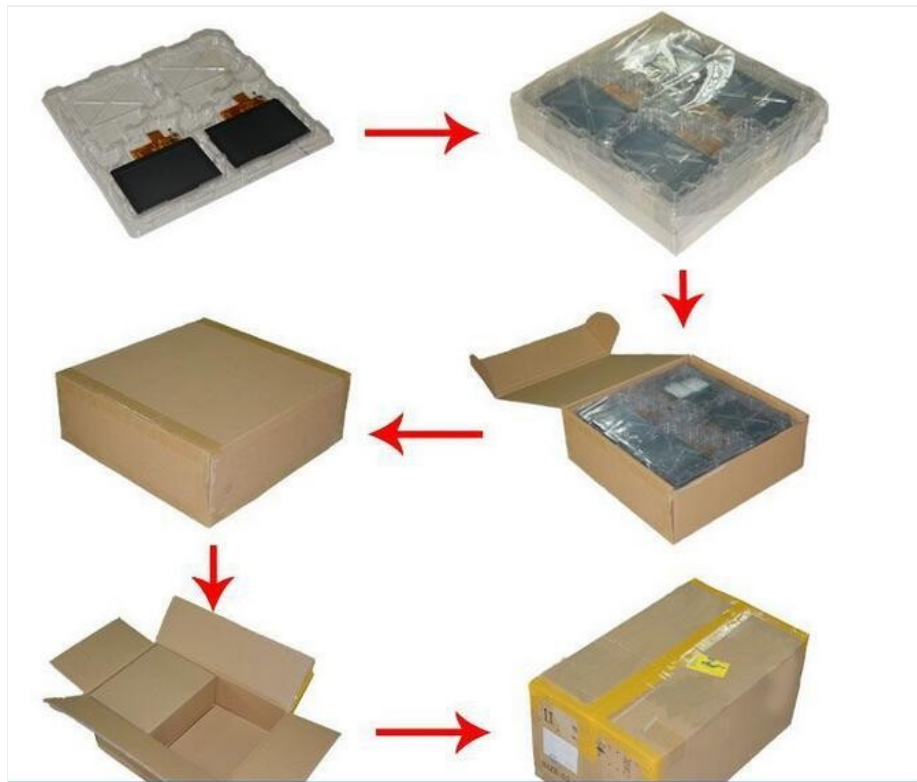
- 3.5-inch diagonal size with resistive touch technology
- 480×272 pixel resolution for clear image display
- Supports 16-bit color with rich color gradations
- Connects via high-speed SPI interface to microcontrollers
- Compatible with Raspberry Pi (uses hardware SPI pins)
- PWM backlight adjustment through GPIO 18
- Compact design for easy integration with development boards
- Low power consumption with image residue elimination
- Supports multiple display modes and deep standby mode

### Applications

- Embedded system human-computer interaction (industrial control, smart home)
- Portable electronic devices (handheld game consoles, mobile data terminals)
- Education and development (microcontroller/Raspberry Pi teaching)
- Internet of Things (IoT) display terminals for sensor data visualization

### Packaging & Shipping

**Packaging:** Carton boxes, cupboard, EPE, blister tray. Packaging method depends on product size and customer requirements, with variations for different countries.



**Shipping:** Available via DHL, FedEx, EMS, UPS, air shipping, or sea shipping. Customer can choose preferred 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 Method:



## Frequently Asked Questions

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

No problem. Please send us your specification/drawing paper. If unavailable, you can provide samples and we'll recommend suitable options or customize based on your requirements.

**2. 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 or content modifications, we need to create new LCD glass modules with custom tooling.

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

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

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

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

**5. What is leading time for tooling?**

Typically 15-25 days after drawing confirmation and tooling payment. Exact timeline will be confirmed upon drawing approval.

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

Yes, sample orders are available.

**7. What is the Leading Time?**

For standard products in stock: 1 day after payment. For special mass production: 15-30 days. We'll inform you if we can complete earlier.



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