



## 2.6 Inch 480x320 Resolution IPS TFT LCD Display with MCU Interface and RTP Touch Screen

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: BBI
- Certification: ISO9001 RoHS
- Minimum Order Quantity: 1000
- Price: 0.7-7USD
- Packaging Details: CARTON
- Delivery Time: 3-4WEEKS
- Payment Terms: T/T
- Supply Ability: 100000/MONTH



### Product Specification

- Backlight Type: LED
- Viewing Direction: 80° All Directions
- Overall Dimensions: 59.60x47.3x3.4 Mm
- Pin Number: 40 PIN
- Connection: FPC Connector Type
- Resolution: 480\*320 Pixels
- Surface Luminance: 240 Cd/m<sup>2</sup> (typical)
- Displaysize: 2.6 Inches



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## Product Description

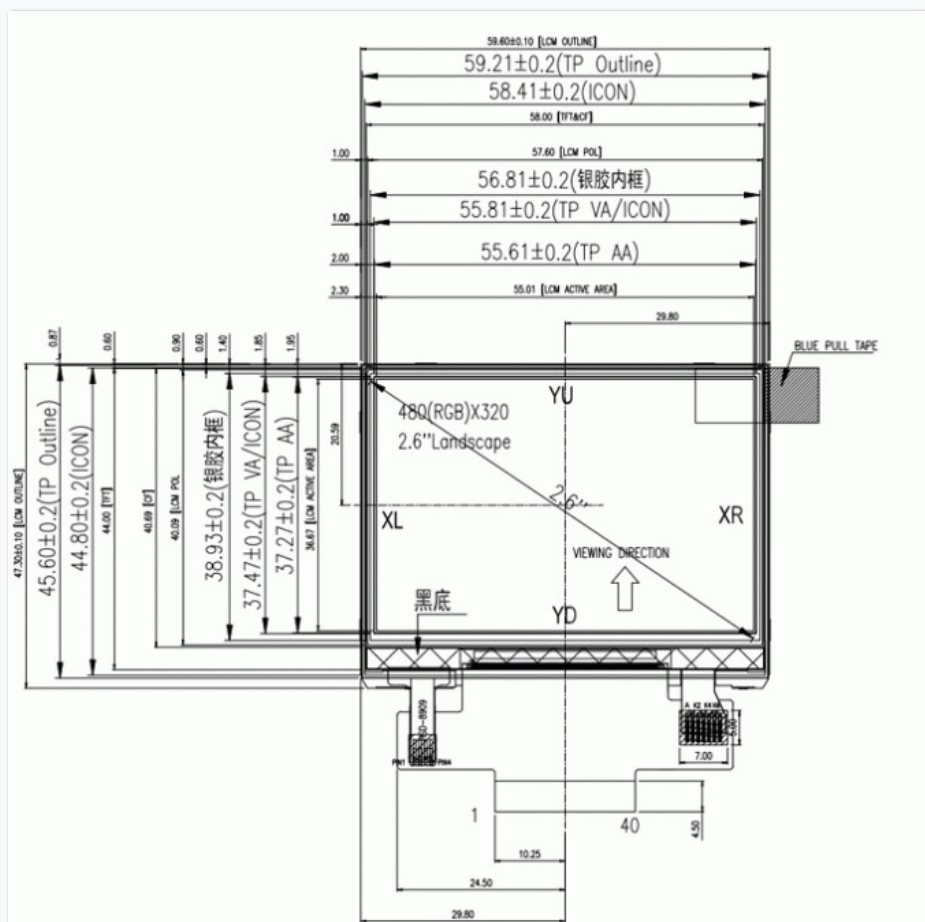
# 2.6" Inch 480x320 Landscape Mode with RTP MCU Interface IPS TFT LCD Display

Our Product Introduction

### Product Specifications

<b>Product</b>	2.6" Inch TFT LCD Display	<b>Touch Screen</b>	Resistive Touch Panel (RTP)
<b>Resolution</b>	480x320	<b>Viewing Direction</b>	IPS Full Viewing Angle (80/80/80/80)
<b>Driver IC</b>	R61531	<b>Pin Number</b>	40 Pins
<b>Connection</b>	FPC Connector Type	<b>Surface Luminance</b>	240 Cd/m <sup>2</sup> (nits)
<b>Interface</b>	MCU	<b>LED Lifetime</b>	40,000 Hours
<b>Operating Temp.</b>	-10 to +60	<b>Compliance</b>	REACH & RoHs Compliant

### Product Drawing



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### Product Introduction

The 2.6" 480x320 landscape screen RTP MCU interface IPS TFT LCD display (Model: SF-TC260T-9954A-T) is a small-sized high-definition display module specifically designed for industrial and embedded equipment.

## Core Specifications

**Size:** 2.6 inches (diagonal)

**Resolution:** 480x320 pixels (portrait mode)

**Display Technology:** IPS (hard screen wide viewing angle), full viewing angle

**Interface:** MCU (8/16-bit parallel), compatible with 51/STM32 and other single-chip microcontrollers

**Touch Screen:** RTP (resistive touch screen), supports single-point touch

**Driver IC:** R61531

**Brightness:** 240 cd/m<sup>2</sup> (customizable)

**Operating Temperature:** -20°C ~ +70°C

**Dimensions:** 59.60x47.3x3.4 mm

## Main Features

**IPS Wide Viewing Angle:** Viewing angles in all directions (up, down, left, right) are all  $\geq 80^\circ$ . Colors are true without color bias.

**MCU Interface:** Directly connects to microcontroller, no additional graphics card required. Simple development and low cost.

**Resistive Touch:** Supports finger and stylus operations. Strong anti-interference ability suitable for industrial environments.

**High Cost Performance:** Small size, high resolution, low power consumption. Suitable for embedded scenarios.

## Applications

**Industrial Control Equipment:** Human-machine interface (HMI), PLC control panel, industrial instruments, data collector

**Smart Home / IoT Terminal:** Smart thermostat, access control panel, kitchen appliances, smart speaker display

**Medical / Portable Equipment:** Portable detector, blood glucose meter, electrocardiogram monitor, medical handheld terminal

**Consumer Electronics / Automotive:** Handheld game console, portable navigation, vehicle instrument, smart wearable device

**Instrumentation / Testing Equipment:** Scope generator, multimeter, analyzer, experimental equipment display panel



## Frequently Asked Questions

**I want the LCD display 8 digits and the outline size is 65x30x2.8mm. Can you provide this?**

Yes, we can customize based on your requirements. Please send us your specification/drawing paper. If you don't have specifications, you can provide samples and we'll recommend suitable products or customize according to your needs.

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

For segment type LCD modules, if you need to modify the outline size or display content, a new LCD glass module is required. We can create new tooling for you.

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

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

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

Yes, we can customize LCD modules. Please send your drawing paper. If you don't have one, please provide the outline size, display information (glass thickness, polarizer, display type, connector mode, storage temperature, operating temperature, supply voltage, viewing direction, drive condition).

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

Typically 15 to 25 days after drawing paper confirmation and tooling charge payment. We'll provide exact timing when you confirm the drawing paper.

**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 special products: approximately 15-30 days. We'll inform you in advance if we can finish earlier.

## Our Services

- Free repair within one year after product shipment
- Replacement within 30 days after product shipment due to product problems
- Custom printing of your logo and model number on products
- Professional shipping partnerships with competitive discounts
- Professional technical support and responsive after-sales service team
- All goods inspected and tested by engineers and QC/QA before shipment
- 24-hour response time for customer inquiries and issues
- Full customization services for all types of LCD displays



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