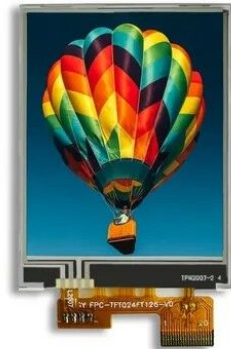


## 2.4 Inch TFT Touch Screen TN 240x320 ST7789V 20pin SPI With Resistive Touch

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: BBI
- Certification: ISO90001 RoHS
- Model Number: BBI-001
- 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

- Name: 2.4 Inch TFT Touch Screen
- Screen\_Type: TFT LCD
- Display Scale: 4:3
- Resolution: 240x320 Dots
- Touch: Resistive
- Active Area: 36.72(H)\* 48.96(V) Mm
- Interface: SPI
- Highlight: 2.4 Inch TFT Touch Screen 20pin,  
2.4 Inch TFT Touch Screen TN,  
Display LCD TFT 2.4 Touchscreen



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

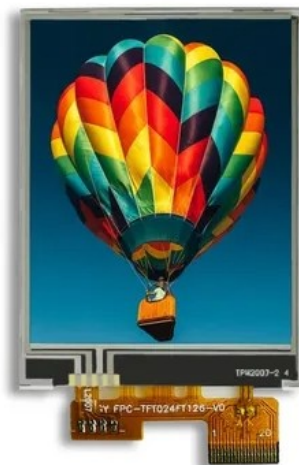
## 2.4 Inch TFT LCD Screen TN 240x320 Pixels ST7789V 20pin SPI with Resistive Touch

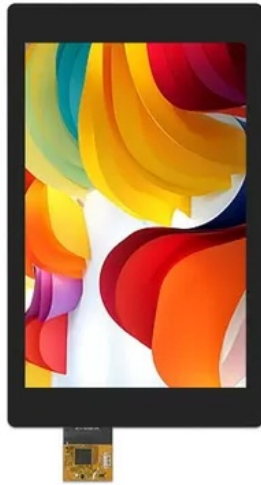
### Product Description:

- **TFT LCD Technology:**
  - **Active Matrix Display:** The **TFT (Thin-Film Transistor)** technology allows for **bright, colorful, and sharp images** with relatively good contrast.
  - **Color Depth:** Typically **16-bit color** (65,536 colors), which provides vibrant and clear visuals.
  - **LED Backlight:** The display uses an **LED backlight** for better visibility in different lighting conditions.
  -
- **Resistive Touchscreen:**
  - **Resistive technology** uses two conductive layers separated by a small gap. When the screen is pressed, the two layers make contact, and the device detects the location of the touch based on the voltage change.
  - **Pressure Sensitivity:** Unlike capacitive touchscreens, which respond to electrical fields from fingers, resistive screens can be activated with any object that applies pressure, such as a stylus, finger, or even a gloved hand.
  - **Lower Sensitivity to Environmental Factors:** Resistive touchscreens tend to be more robust in outdoor or industrial environments, as they are less sensitive to external factors like moisture, dust, or electrical interference.

### Basic Parameters:

NO.	ITEM	SPECIFICATIONS
1	Product Name	2.4 Inch TFT LCD touch screen
2	LCD Type	TN, Transmissive
3	Viewing Angle	12 O'clock
4	Resolution	240x320 dots
5	Operating Temperature	-20~+70
6	Storage Temperature	-30~+80
7	FPC Connector	20PIN, ZIF type
8	Driver IC(COG)	ST7789V
9	Interface	SPI
10	Backlight Type	4-LED, White, 80mA
11	Outline Dimension	42.72(H)* 60.26(V)* 3.35(D) mm
12	Active Area	36.72(H)* 48.96(V) mm





Products Application field:  
Audio product Medical Equipment  
Industrial product(watermeter, electronicmeter,Equipment )  
Automobiles Sports Equipment Watches  
Household appliance(air condition/wash machine/electronic cooler/ refrigerator/disinfection cabinet/ wash bowl machine/ calculator /electronic scale etc.)

## Production Line:

- ✧ Clean Room class 10k@0.8um, Pressurec 0.8kgf
- ✧ Antistatic floor, resistance : 1x10 ohm to 1x10 ohm
- ✧ COG production lines: 4 .
- ✧ Backlight production lines: 2 .
- ✧ Existing machine capacity will be 1KK per month.



### Production Equipments (1)

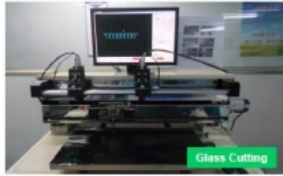


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### Production Equipments (2)



Glass Cutting



Glass Cutting



Automatic Pins Insertion



Automatic Stripping

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### Production Equipments (3)



COG Plasma Cleaner



COG Automatic Bonding



COG Bonding



Polarizer Attach

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In compliance with ISO9001 Quality Management  
\*\*\*One year's guarantee for unartificial damage

- 1: Small lcd display screen
- 2: Reasonable price
- 3: Large capacity
- 4: Certificate ISO; Rohs, REACH
- 5: Dimension as customer request
- 6: STN blue small lcd display screen



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