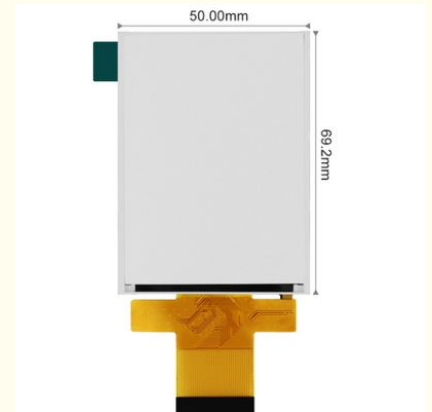


2.8 Inch Small TFT LCD Display with 240x320 Pixels 18 BIT and 300 Brightness

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

- Driver Lc: ST7789V
- Operating Temperature: -20°C To 70°C
- Keywords: 2.8 Inch Small LCD Display
- Backlight Type: LED
- Interface: 3 Wire 4 Wire SPI MCU 8/9/16/ 18 BIT RGB 6/16/18BIT
- Display Type: TFT LCD
- Highlight: **240x320 Pixels Small TFT LCD Display, 18 BIT TFT Screen , 300 Brightness LCD Display**



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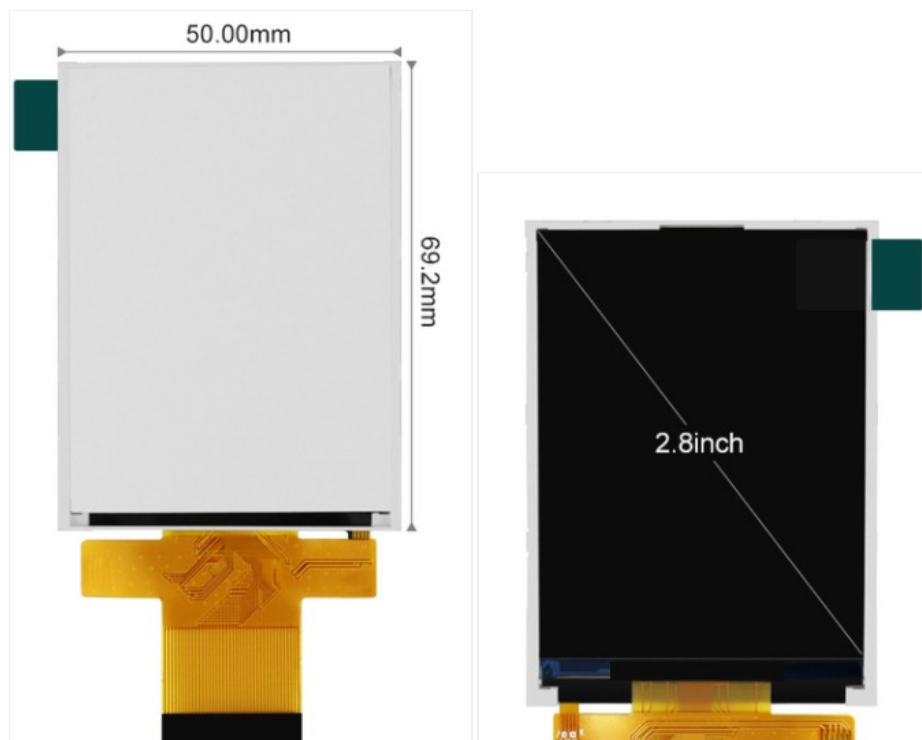
240x320 Pixels Small TFT Screen, 18 BIT 2.8 Inch Small TFT LCD Display

Product Overview

This IPS TFT LCD Display is a color-active matrix thin-film transistor (TFT) liquid crystal display (LCD) that uses amorphous silicon TFT as a switching device. With a 2.8 inch size and 240*320 resolution, this display delivers clear images with 300 nits brightness under normal operation.

Technical Specifications

Parameter	Value
Size (inch)	2.8
Resolution	240*320
Brightness (cd/m ²)	300
Interface	3 wire 4 wire SPI MCU 8/9/16/18 BIT RGB 6/16/18BIT
Driver IC	ST7789V
Operation Temperature (°C)	-20~70
Pin Number	40



Key Features

High Resolution: 240*320 pixel resolution for clear image and text display

Rich Colors: 18-bit color depth displaying 262K colors for realistic images

Compact Size: 2.8 inch diagonal with effective display area of approximately 43.2mm*57.6mm

Wide Viewing Angle: IPS technology maintains color and brightness consistency from all angles

Flexible Orientation: Supports both landscape and portrait display modes

Multiple Interfaces: Compatible with various communication protocols including TTL232, RS232, RS485, USB, CAN, and network port

Applications

Ideal for various industries including:

Medical monitoring devices

Handheld portable devices
Digital signage and information displays
Automotive dashboard displays
Industrial control panels
Game consoles and entertainment systems

Frequently Asked Questions

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

Yes, please send us your specifications or drawing. If you don't have specifications, you can provide samples and we'll recommend suitable products or customize based on your requirements.

This LCD is what we want, but it's too big. Do you have smaller sizes?

For segment type LCD modules, modifying the outline size or display content requires a new LCD glass module with custom tooling.

Can you change the display type from HTN to STN?

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

Can you customize a new LCD module?

Yes, we offer customization services. Please provide your specifications or details about the required display including size, type, connector mode, temperature range, and other technical parameters.

What is the lead time for tooling?

Typically 15-25 days after confirming the drawing and receiving tooling payment. We'll provide exact timelines upon confirmation.

Can you send samples for evaluation?

Yes, we can provide samples of standard products for evaluation.

What is the production lead time?

For standard products in stock, 1 day after payment. For custom mass production, typically 15-30 days. We'll update you if we can complete earlier.



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