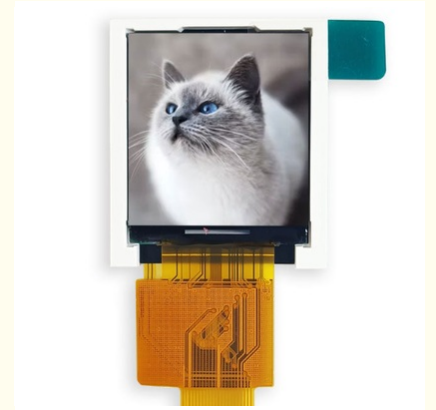


1.44 Inch 128x128 Resolution SPI Interface LCD Display TFT LCD Screen for Embedded Systems

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

- Operating Temperature: Top -20°C To +70°C; Tst -30°C To +80°C
- Luminance: 100 Cd/m²
- Display Technology: LCD
- Connect: Soldering (Can Be Customizable)
- Overall Dimensions: : 30.05*33.82*2.3 Mm
- Resolution: 128x128 Dots
- Interface: SPI
- Screen Size: 1.44 Inches
- Highlight: **1.44 inch SPI TFT LCD screen , 128x128 resolution LCD display , embedded systems TFT screen**



Product Description

Square Small LCD Display Screen 1.44 Inch 128x128 With MCU 8bit Interface

Product Specifications

Product	1.44" Inch TFT LCD	Touch Screen	Without TP (Customizable)
Resolution	128x128 Dots	Cover Glass Dimension	Without (Customizable)
Viewing Direction	12 O'clock	Interface	SPI
Pin Number	27 Pins	Connection	Soldering (Can Be Customizable)
Surface Luminance	100 Cd/m ² (nits)	LED Lifetime	40,000 Hours
Driver IC	ILI9163 Or Equivalent	Compliance	REACH & RoHS Compliant

Product Introduction

This is a 1.44-inch square TFT LCD with a resolution of 128×128. It uses an 8-bit parallel interface (compatible with 8080 timing) and is equipped with an internal ST7735S driver IC. It is a commonly used small-sized color display module in embedded systems.

Display Characteristics

Size: 1.44 inches, square, effective display area approximately 25.5×26.5mm

Resolution: 128×128, 1:1 square pixels, suitable for icons, text, and simple graphics

Color: 65K/262K colors (16-bit RGB), vivid colors

Brightness: Typical 200-500 cd/m², backlight lifespan approximately 40,000 hours

Viewing Angle: Mostly TN panels, best at 12 o'clock direction; some are IPS wide viewing angle

Power Supply: 2.8V single power supply, low power consumption design

Interface and Driver

Interface: MCU 8-bit (8080), includes CS, RS, WR, RD, 8 data buses, can be directly connected to 5V/3.3V single-chip microcontrollers (such as STM32, 51, Arduino)

Compatibility: Some models also support SPI serial (3-wire/4-wire), more flexible wiring

Driver IC: ST7735S, simple instructions, rich routines

Structure and Environment

Shape: Approximately 29.5×36.5×2.5mm, FPC flexible cable welding or socket

Operating Temperature: -20 ~+70 , suitable for industrial and consumer electronics

Optional: Can be stacked with resistive / capacitive touch screens to achieve touch interaction

Main Applications

Smart Wearable Devices: Children's mobile phone watches, smart bracelets, electronic badges, display time, steps, messages, icons

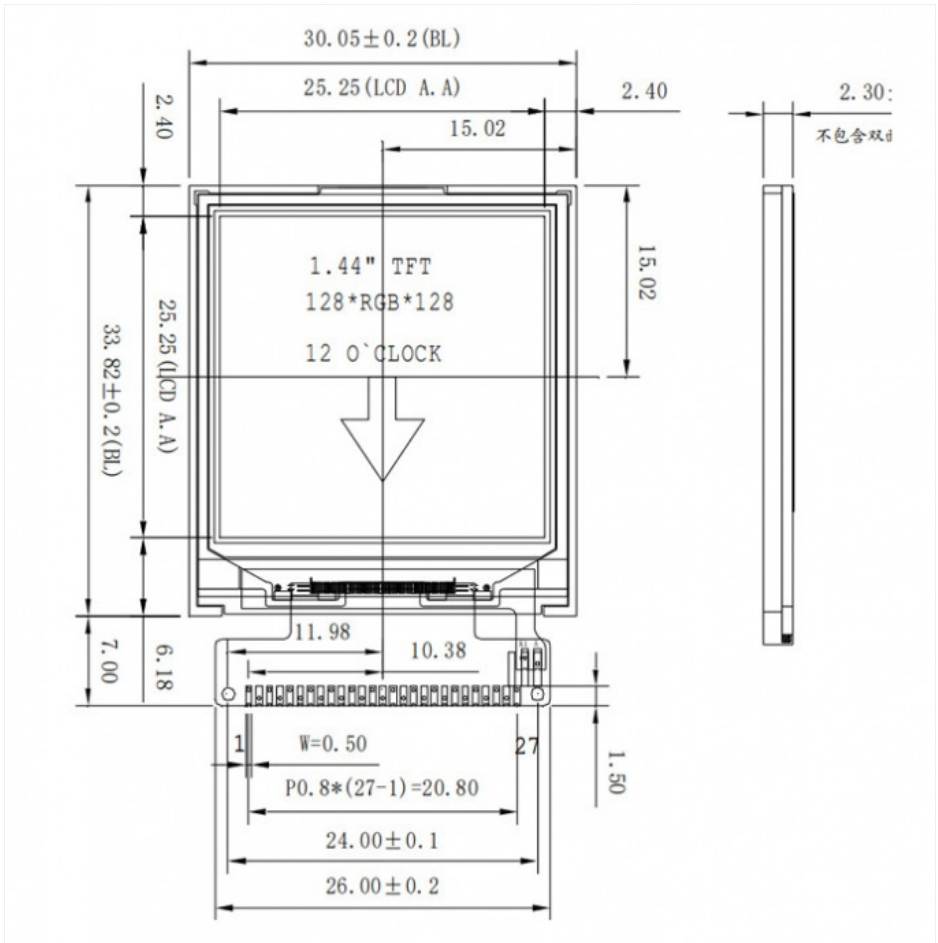
Industrial Control and Instruments: Small PLCs, temperature controllers, electricity meters, portable detectors, display parameters, status, alarms, waveforms

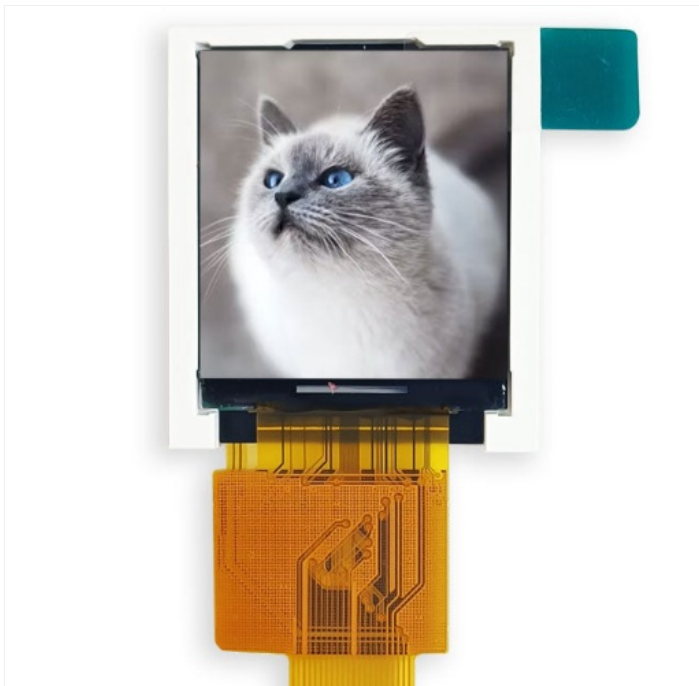
Smart Home: Smart doorbells, wireless switches, sensor terminals, display status and simple interaction

Embedded Development and DIY: STM32/Arduino projects, electronic competitions, teaching experiments, low cost, easy to drive, abundant resources

Consumer Electronics: MP3, voice recorders, remote controls, game consoles, provide color interfaces

Product Drawing





Our Service

Free repair within one year after the shipment of products from us

Replacement within 30 days after the shipment of products from us due to products' problems

We can print your logo and stick your model number on the displays

We have long cooperation with many shipping companies and our export volume is large. The shipping companies can offer us good discounts

Professional technician supports. We have a good after-sales service team. They can solve your problems in time

All goods will be inspected and tested by our engineers and QC/QA before packing and shipment

Customer satisfaction is most important to us. If you have any problem or questions regarding our transaction, please contact us by Email or online. It will be responded within 24 hours

Products pictures only for your reference. Please kindly refer to the specification. We can provide the products based on the specification, or you can offer your own specification or drawing. We can customize all kinds of LCD displays for you

Frequently Asked Questions

I want the LCD display 8 digits and the outline size is 65x30x2.8mm. Is this possible?

No problem. Firstly, please kindly send us your specification/drawing paper. If you don't have the specification, you can also provide your samples; we will recommend the suitable one if it is standard products. Or we can customize for you based on your own requirement.

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 the segment type LCD module, if you need to modify the outline size or display content, a new LCD glass module is needed. We have to open new tooling for you.

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

That's all right. We can change for you as per your request.

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

Yes, we can. Please send your drawing paper. If you don't have one, please advise me the outline size of the LCD display, display information (Glass thickness, Polarizer, Display Type, Connector mode, Storage Temp, Operating Temp, Supply Voltage, Viewing direction, drive condition). We can customize for you.

What is the lead time for tooling?

Generally speaking, it will cost 15 to 25 days after drawing paper confirmation and tooling charge payment. We can report you the exact time when you confirm the drawing paper.

Can you send us samples for checking?

Yes. Samples order is available.

What is the Lead Time?

If we have stock for the standard ones, the lead time is one day after payment. If it is the mass production for special ones, the lead time is about 15-30 days. If we can finish earlier, we will report the information in advance.



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