

1.06 Inch 262K Colors TFT LCD Screen Module with SPI Interface ST7735S Driver

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: BBI
- Certification: ISO9001 RoHS
- Minimum Order Quantity: 1000
- Price: 0.78-7USD
- Packaging Details: CARTON
- Delivery Time: 3-4WEEKS
- Payment Terms: T/T
- Supply Ability: 300000/MONTH



Product Specification

- Colors: 262K
- Display Type: TFT
- Active Area: 13.82(H)*23.04(V) Mm
- Dimensions: 16.12(H)*29.76(V)*1.52(D) Mm
- Size: 1.06 Inch
- Operating Temperature: -20~+70
- Interface: 4 SPI
- Luminance: 250 Cd/m2
- Highlight: **1.06 inch TN TFT LCD screen, 96x160 RGB SPI display, ST7735S LCD module**



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Product Description

1.06 Inch TN TFT LCD Screen Module 96x160 RGB SPI Display ST7735S

High-quality 1.06-inch TN TFT LCD display module featuring 96x160 RGB resolution and SPI interface with ST7735S driver IC.

Technical Specifications

Type	TN
Display Size	1.06 inch, small TFT LCD
Pixels	96 RGBx160 Dots
Module Size	16.12(H)*29.76(V)*1.52(D) mm
Panel Active Area	13.82(H)*23.04(V) mm
Luminance	250 Cd/m ²
Driver IC	ST7735S
Interface	4 SPI
Operating Temperature	-20~+70
Connector	COG+FPC, 13pins
Light Source	1 white LED

Item	Specification	Unit
Pixel Pitch	48(H)*3*144(V)	μm
Pixel Arrangement	RGB stripe	
Driver IC	ST7735S	
Light Source	1 white LED, 20mA	
Panel Type	TN	
Resolution	96xRGBx160 Dots	pixel
Display Mode	Normally White	
Number of Colors	262K	
Contrast Ratio	500	
Viewing Angle	3/6/9/12 O'clock, IPS	



Display Characteristics

Color: The ST7735S chip typically uses 16bit (RGB565) to control the display of one pixel, capable of showing up to 65K colors. The colors are rich and can meet most color display requirements.

Display Modes: It supports various display modes such as normal display, rotated display, scrolling display, etc. It also supports video playback functions, which can be achieved by setting relevant registers.

Application Fields

Wearable devices: Such as smart watches, blood oxygen monitors, etc. Their compact size and rich color display capabilities can meet the display requirements of wearable devices.

Medical equipment: It can be used for the display interfaces of some small medical instruments, such as blood glucose meters, blood pressure monitors, etc., to display measurement data and operation menus.

Industrial control: In some small industrial instruments, handheld controllers and other devices, it serves as a display component to display information such as equipment status and parameter settings.

Frequently Asked Questions

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

No problem. Firstly, please kindly send us your specification/ drawing paper. If you have not 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 modify the outline size or display content, a new LCD glass module is need. 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 you request.

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

Yes, we can. Please send your drawing paper. If you have not, 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 leading time for tooling?

General 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 Leading Time?

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



Dongguan Bibuke Electronic Technology Co., Ltd.



+8613711912723



Jack@smartwinlcd.cn



lcdftscreen.com

Shangyu Commercial Centre Chang'an, Dongguan, Guangdong, China 523881