

0.96 Inch TFT LCD Display with SPI Interface and 80x160 Resolution for Compact Electronic Projects

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: BBI
- Certification: ISO9001 RoHS
- Model Number: BBI-001
- 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

- Size: 0.96 Inch
- Pixel Pitch: 0.17925 Mm
- Viewing Angle: 170° Horizontal, 160° Vertical
- Backlight Type: LED
- Interface: 4 SPI
- Contrast Ratio: 1000:1
- Name: TFT LCD Display
- Operating Temperature: -20~+70
- Highlight: **0.96 Inch RGB TFT Display ,
RGB TFT Display SPI Interface ,
SPI Interface LCD Display 80x160**



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Product Description

0.96 Inch RGB TFT Display SPI Interface 80x160 Resolution 13PIN FPC

A compact 0.96-inch TFT LCD display featuring 80x160 resolution and SPI interface, ideal for electronic projects, DIY applications, and small devices requiring vivid color display.

Product Overview

This 0.96-inch TFT LCD display offers an optimal balance of compact size, high resolution, and rich color depth, making it perfect for various electronic applications.

Key Features

- High resolution: 80x160 pixels
- Rich color depth: Supports 65K or 262K colors
- SPI interface for easy microcontroller integration
- Compact design suitable for space-constrained applications
- Wide viewing angle with IPS technology
- Low power consumption for extended battery life

Technical Specifications

Parameter	Specification
Product Name	0.96 Inch TFT LCD
LCD Type	IPS
Resolution	80x160 dots
Working Voltage	2.8V
Operating Temperature	-20°C to +70°C
Storage Temperature	-30°C to +80°C
FPC Connector	13pin, soldering type
Driver IC	ST7735S
Interface	4 SPI
Backlight Type	1-LED, White
Brightness	350 cd/m ²
Outline Dimension	13.5(W) × 27.95(H) × 1.46(T) mm
Active Area	10.8(W) × 21.7(H) mm

Primary Applications

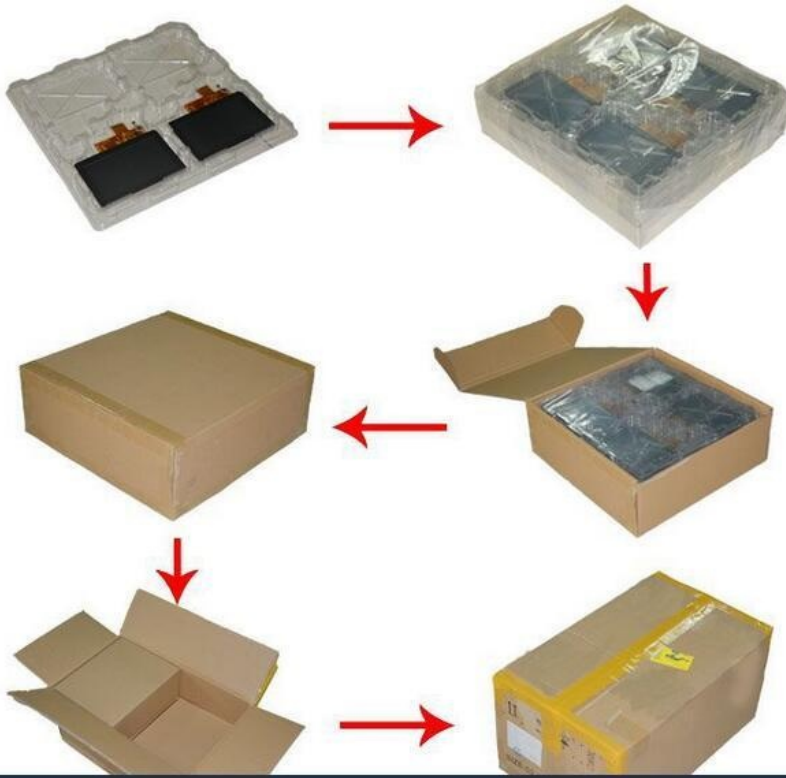
- Wearable Smart Devices: Smart bracelets, watches, fitness trackers
- Embedded & Maker Projects: Arduino, ESP32, robotics
- Industrial Equipment: Portable detectors, meters, handheld instruments
- Home Automation: Smart locks, thermostat displays, control panels
- Security Systems: Camera settings, alarm status displays

Product Images



Packaging & Shipping

Packaging: Carton boxes, cupboard, EPE, blister tray. Custom packaging available based on product size and customer requirements.



Shipping: Express delivery via DHL, FedEx, EMS, UPS, air shipping, sea shipping. Multiple shipping methods available.

						
	2-7days	2-8days	2-7days	3-15days	2-5days	2-7days
Notice	<ol style="list-style-type: none"> EMS for Brazil, Russia and Remote areas . SF for Hong Kong, Taiwan, South Korea, Japan, Thailand, Singapore and Malaysia . Having logo product can't be sent by FEDEX . The Brazil want to use FEDEX/DHL , need to offer CNPJ / CPF to us ! 					

Payment Methods



Frequently Asked Questions

Customization & Specifications

Q: Can you customize the LCD display size and specifications?

A: Yes, we offer full customization services. Please provide your specifications, drawings, or samples for evaluation.

Technical Modifications

Q: Can you change the LCD type from HTN to STN?

A: Absolutely. We can modify the display type and other technical parameters according to your requirements.

Samples & Lead Times

Q: Can you provide samples for evaluation?

A: Yes, sample orders are available. Standard products ship within 1 day, while custom orders typically take 15-30 days.

Our Services

- Free repair within one year after shipment
- Replacement within 30 days for product issues
- Custom logo printing and model number application

Professional technical support and after-sales service
Comprehensive quality control and testing before shipment
24-hour customer response time

Industry Applications

Household Appliances: Refrigerators, air conditioners, microwaves, cookers

Communication Equipment: Telephones, interphones, fax machines

Automotive Electronics: Entertainment systems, navigators, cameras

Instruments: Water meters, electric meters, multimeters, scales

Fitness Equipment: Treadmills, fitness bikes, pedometers

Financial Equipment: POS machines, banknote counters, tax control systems

Consumer Electronics: MP3 players, electronic dictionaries, calculators

Product Demonstration



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