

DFSTN 2.4 Inch 128x64 Dot Matrix LCD Display with SPI Interface COG LCD Module for Handheld Devices

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

- Name: 2.4 Inch LCD Display
- Display Type: LCD
- Operating Temperature: -20°C To 70°C
- Interface: SPI Interface
- Storage Temperature: -30°C To 80°C
- Display Size: 128x64
- Voltage: 3.0V
- Highlight: DFSTN 2.4 Inch LCD Display ,
2.4 Inch LCD Display 128x64 ,
128x64 COG LCD Module



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Product Description

DFSTN 2.4 Inch LCD Display 18pin FPC SPI 128x64 COG Module

This 2.4-inch DFSTN LCD display features an 18-pin FPC SPI interface with 128x64 resolution COG technology, specifically designed for handheld devices and industrial applications.

Technical Specifications

Parameter	Specification
Module Size	63.00(W) × 42.50(H) × 5.0(D) mm
Viewing Area	59.00(W) × 32.00(H) mm

Display Mode: DFTN / Negative / Transmissive

Display Dot Matrix: 128×64 dot

Viewing Direction: 6 O'Clock

Interface: SPI interface available

Display Drive IC: ST7565P

Power Supply: 3.0V

Driving Scheme: 1/64 Duty, 1/7 Bias

Operating Temperature: -20 to +70

Storage Temperature: -30 to +80

LCD Connector: COG + FPC

Backlight: 1 white LED, If=15mA; Vf=3.0V

Product Overview

This common LCD display component utilizes DFSTN (Double-layer Super-Twisted Nematic) technology for excellent contrast and wide viewing angles. The COG (Chip on Glass) process ensures compact dimensions and enhanced reliability.

Key Features

- 2.4-inch diagonal screen size
- 128×64 dot matrix resolution for clear graphics and text
- 18-pin FPC interface with SPI communication
- Low power consumption at 3.3V operating voltage
- Wide operating temperature range: -20 to 70

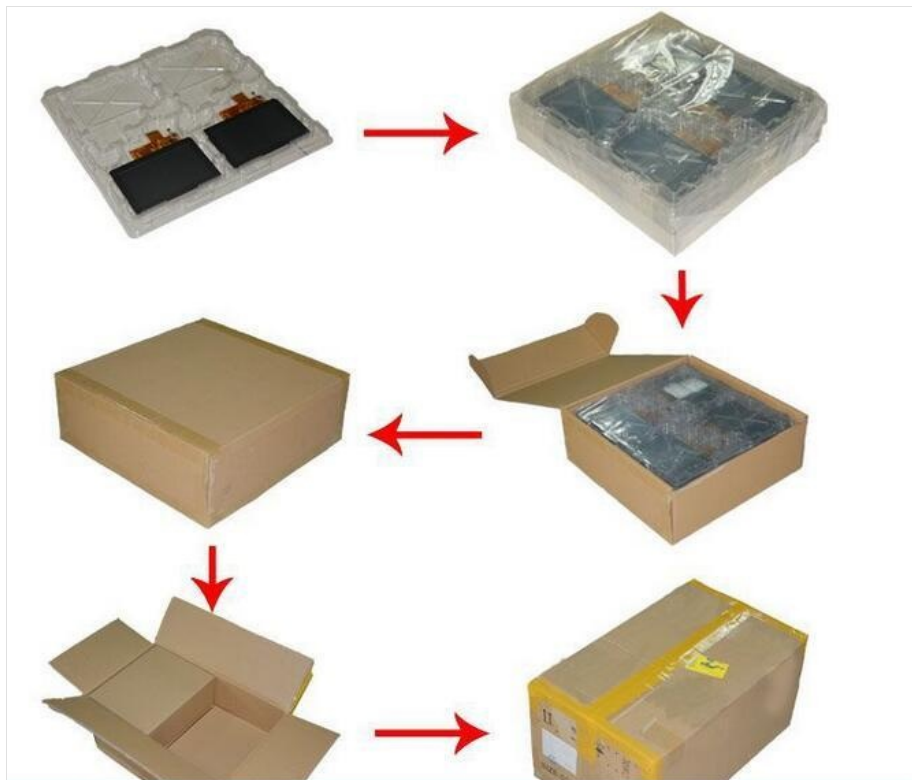
Applications

- Instrumentation: Multimeters, oscilloscopes, thermometers
- Industrial Control: Equipment status monitoring and parameter display
- Handheld Devices: Terminals, walkie-talkies, medical devices
- Smart Home: Appliance control panels and status displays



Packaging & Shipping

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



Shipping: Express services including DHL, FedEx, EMS, UPS, air shipping, and 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

I want an LCD display with 8 digits and outline size of 65x30x2.8mm. Is this possible?

Yes, please provide your specifications or drawing. If unavailable, send samples and we'll recommend suitable options or customize to your requirements.

This LCD is perfect but too large. Do you have smaller sizes with modified display content?

For segment type LCD modules requiring size or content modifications, we create new LCD glass modules with custom tooling.

This display is HTN type, but I need STN type. Can you produce this?

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

Can you customize a new LCD module?

Absolutely. Please provide your drawing or specifications including outline size, display information, glass thickness, polarizer, connector mode, and operating conditions.

What is the lead time for tooling?

Typically 15-25 days after drawing confirmation and tooling payment. Exact timing provided upon drawing approval.

Can you send samples for evaluation?

Yes, sample orders are available.

What is the production lead time?

Standard products: 1 day after payment. Custom production: 15-30 days. We'll notify you if we can complete earlier.

Our Services

- Free repair within one year after shipment
- Replacement within 30 days for product-related issues
- Custom logo printing and model number application
- Competitive shipping rates through established partnerships
- Professional technical support and responsive after-sales service
- Comprehensive quality control and testing before shipment
- 24-hour response time for all inquiries and support requests
- Full customization services for all LCD display types



Production Equipments (1)



Silk Screen



Spacer Spraying



Short Detection



ITO Repair

BigBook

Create the highest value to customers, and offer opportunity to all staff to achieve personal growth



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