

Monochrome 128x64 Graphic LCD Display with ST7565R Controller, 3.3V Operating Voltage, and Transflective Polarizer

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

- Display Color: Monochrome (Black And White)
- Operating Voltage: 3.3V(Typical Value)
- Controller Chip: ST7565R
- Polarizer Type: Transflective
- Interface Connector: 8080 MCU Interface OR 6800 MCU Interface OR 4-Line SPI Interface
- Resolution: 128x64 Pixels
- Pin Number: 34PIN
- Display Viewing Area: 46x27 Mm
- Highlight: **ST7565R Controller Graphic LCD Display , 3.3V Operating Voltage 128x64 LCD Module , Transflective Polarizer Monochrome LCD Screen**



Product Description

Monochrome 128x64 Graphic LCD Display

High-performance monochrome graphic LCD display module with 128x64 resolution, designed for industrial and commercial applications requiring clear, reliable visual interfaces.

Technical Specifications

Product	Monochrome Graphic LCD Display Module 128x64	Resolution	128x64 Dots
View Direction	12 O'clock	LCD Type	FSTN, Positive
Polarizer Type	Transmissive	Module Size	49.0Lx38.0Wx2.85H Mm
Viewing Area	46x27 Mm	Driver IC	ST7565R
Pin Number	34 Pins	Interfaces	8080 MCU Interface OR 6800 MCU Interface OR 4-Line SPI Interface
Operating Temp	-20°C To +70°C	Supply Voltage	3.3V (Typical Value)
Life Time	40,000 Hours	Compliance	REACH & RoHS Compliant

This monochrome graphic LCD display module features ST7565R driver IC and FSTN positive COG display technology, providing exceptional clarity and reliability for various display applications.

Product Features

High Resolution: 128x64 dot matrix provides clear, detailed display of graphics, text, and curves for diverse visual requirements.

Advanced Driver Chip: ST7565R ensures stable operation with support for multiple interface methods including 8080 MCU, 6800 MCU, and 4-Line SPI.

Superior Display Quality: FSTN (Film compensated Super Twisted Nematic) technology delivers excellent contrast and wide viewing angles with positive display (black on white background).

Compact COG Packaging: Chip On Glass design reduces module size, enhances integration, and improves reliability and anti-interference capabilities.

Optimal Performance: 3.3V typical operating voltage with low power consumption and wide operating temperature range (-20°C to +70°C).

Application Areas

Industrial Automation: Display process parameters, equipment status, and alarm information for human-machine interface and monitoring.

Instrumentation: Temperature, pressure, and flow meters for displaying measurement data, parameters, and operation menus.

Communication Equipment: Base stations, routers, and switches for status monitoring, alarm display, and configuration parameters.

Medical Equipment: Monitors, ECG machines, and ultrasound systems for patient data, diagnostic results, and operation interfaces.

Transportation: Automotive dashboards, marine controls, and aerospace instruments for vehicle status, navigation, and flight parameters.



Frequently Asked Questions

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

Yes, we can accommodate your requirements. Please provide your specifications or drawing. If unavailable, send samples and we'll recommend suitable standard products or customize based on your needs.

This LCD is what we want, but the size is too large. Do you have smaller sizes? The display content also needs minor changes.

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

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

Absolutely. We can modify the display type according to your specifications.

Can you customize a new LCD module for our application?

Yes, we specialize in custom LCD modules. Please provide your drawing or specifications including outline size, display information, glass thickness, polarizer type, display type, connector mode, temperature ranges, supply voltage, viewing direction, and drive conditions.

What is the lead time for tooling?

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

Can you send samples for evaluation?

Yes, sample orders are available for your testing and evaluation.

What is the production lead time?

Standard products in stock ship within one day after payment. Mass production of custom orders typically takes 15-30 days. We'll notify you if we can complete orders sooner.



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