



1.46 Inch 128x64 Graphic LCD Display with UC1701 Controller and 3.3V Operating Voltage for Clear FSTN Negative Viewing

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

- Drive Method: 1/65 Duty, 1/9 Bias
- Operating Voltage: 3.3V
- Active Area: 33.26(W)* 16.62(H) Mm
- Interface Type: SPI
- Connector: 14PIN, ZIF Type
- Controller Chip: UC1701X
- Viewing Angle: 6 O'clock
- Operating Temperature: -20°C To 70°C
- Highlight: **1.46 Inch Graphic LCD Display, UC1701 Controller LCD Display, 3.3V Operating Voltage LCD Display**



Product Description

1.46 Inch 128x64 Graphic LCD Display FSTN Negative UC1701 14PIN SPI Interface

Key Features

- 128x64 Resolution** - Displays basic graphics, icons, alphanumeric text, and simple user interfaces
- FSTN (Film Super Twisted Nematic)** - Enhanced contrast and viewing angles compared to standard STN displays
- Negative Display** - Light text on dark background for improved outdoor visibility
- SPI Interface** - Simple 4-wire communication protocol
- Low Power Consumption** - 3.3V operation ideal for battery-powered devices

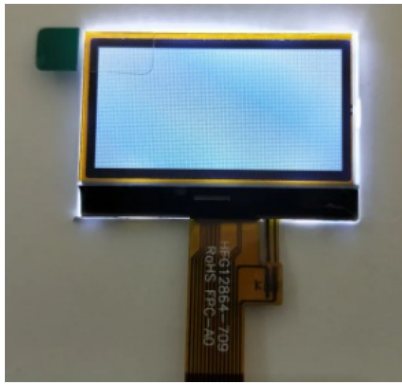
Technical Specifications

Parameter	Value
LCD Type	DFSTN, Negative
Viewing Angle	6 O'clock
Driver IC	UC1701X
FPC	14pin
Interface	SPI
Voltage	3.3V
Resolution	128x64 dots
Operating Temperature	-20°C to +70°C
Storage Temperature	-30°C to +80°C
Outline Dimensions	37.75(W) × 25.60(H) × 2.80(T) mm
View Area	35.55(W) × 18.70(H) mm
Dot Size	0.24(W) × 0.24(H) mm

Display Characteristics

The **FSTN negative display** offers superior contrast and readability in various lighting conditions, particularly in bright sunlight. The negative display technology (light text on dark background) enhances visibility for outdoor applications.





Applications

Handheld devices - Portable game consoles, electronic dictionaries, measuring instruments

Industrial instrumentation - Data displays, parameter settings, equipment status

Communication products - Walkie-talkies, wireless modules for channel/signal display

Medical equipment - Patient monitoring systems, diagnostic devices

Automotive electronics - Dashboards, vehicle information displays

Household appliances - Control panels for microwaves, washing machines, air conditioners



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