

5.0V 7 Segment Screen TN Monochrome LCD Display White LED Backlight

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

- Working Supply: 5.0V
- Drive Mode: 1/4 Duty, 1/3 Bias
- Interface Type: COB+Zebra
- View Angle Direction: 12o'clock
- Storage Temperature: -30°C To 80°C
- Backgroundcolor: White
- Highlight: **5.0V 7 segment LCD display ,
TN monochrome LCD screen,
7 segment display with LED backlight**



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Product Description

5.0V 7 Segment Screen TN Monochrome LCD Display White LED Backlight

Detail Information

LCD Type:	TN, Positive
Viewing Angle:	12 O'clock
Operating Temperature:	-20~+70
Voltage:	5.0V
Backlight:	Green
Driver IC:	HT1621

Module Size	125(W)* 73.5(H)* 21.3(T) mm	Display mode	TN, positive
LCD viewing area	51.4(W)* 32(H) mm	Polarizer type	Transmissive
Driver IC	HT1621	LED backlight	White, 2pcs, 30mA
Drive method	1/4 Duty, 1/3 Bias	Working voltage	5.0V
Viewing angle	12 O'clock	Connection Way	COB+Zebra
Operate temperature	-20 ~+70	Storage temperature	-30~+80

Applications of TN Segment LCDs:

TN segment LCDs are commonly used in applications where only **basic numeric or alphanumeric information** needs to be displayed clearly. Some typical applications include:

- **Digital Clocks:** For displaying the time, often with **7-segment** displays.
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- **Calculators:** Basic handheld calculators often use **7-segment LCD displays**.
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- **Household Appliances:** Simple displays on devices like **microwaves, washing machines, and refrigerators** for showing settings, timers, or status information.
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- **Meters and Instruments:** Devices such as **thermometers, voltage meters, pressure gauges,** and other diagnostic tools use TN segment displays to show readings in a clear, readable format.



Advantages of TN Segment LCDs:

Low Cost:

- TN LCDs are the **most cost-effective** option for simple displays. They are cheap to produce and are used in a wide range of devices that don't require high-end display performance.

Energy Efficient:

- TN segment displays consume very little power compared to more advanced technologies like **OLED** or **IPS**, making them ideal for **battery-powered devices**.

Fast Response Time:

- **TN displays** offer **fast response times**, which can be beneficial for fast updates in devices like **clocks**, **calculators**, and other applications where quick, simple text or numeric changes are needed.

Simple and Reliable:

- Since TN segment LCDs are based on a **simple technology**, they are **reliable** for basic applications. They are **robust**, and their **low complexity** makes them less prone to failure compared to more advanced display technologies.

Our Services:

1. Free repair within one year after the shipment of products from us.
 2. Replacement within 30 days after the shipment of products from us due to products' problems.
 3. We can print your logo and stick your model No.on the cameras.
 4. We have long cooperation with many shipping companies and our export volume is large. The shipping companies can offer us good discounts.
 5. Professional technician supports. We have a good after-sales service team. They can solve your problems in time.
 6. All goods will be inspected and tested by our engineers and QC/QA before packing and shipment.
 7. Customers satisfactory is most important to us. If you have any problem or questions regarding our transaction. Please contact us by Email or online. It will be responded within 24 hours.
 8. Products pictures only for your reference. please kindly refer to the specification. we can provide the products basic on the specification. or you can offer your own specification or drawing , we can customize all kinds of LCD displays for you. thanks for your kind support always.
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