

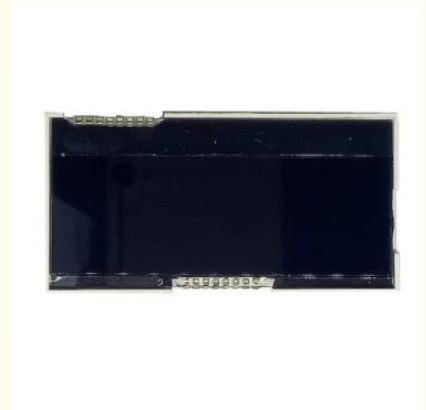


## 4.5V 7 Segment LCD Display with 6 O'clock Viewing Direction and Customizable Monochrome LCD Module

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: BBI
- Certification: ISO9001 RoHS
- Minimum Order Quantity: 1000
- Price: 0.7-7USD
- Packaging Details: CARTON
- Delivery Time: 3-4WEEKS
- Payment Terms: T/T
- Supply Ability: 100000/MONTH



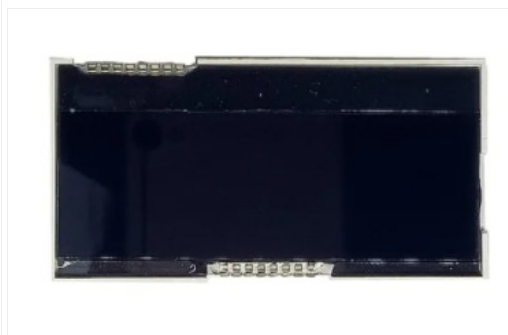
### Product Specification

- Product Type: VA LCD Display
- Color Depth: 16.7 Million Colors (24-bit)
- Connect: Pin, Zebra
- Surface Treatment: Anti-glare Coating
- Viewing Direction: 6 O'clock Or 12 O' Clock
- Module Size: Customized
- Display Size: Customized
- Operating Temperature: -20°C To 70°C
- Highlight: **4.5V LCD Display , 7 Segment LCD Module , 6 O'clock Viewing Direction LCD**



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### 4.5V Customize 7 Segment LCD Display, Liquid Crystal Monochrome LCD Module



#### Product Specifications

Type	VA LCD Display
Storage Temperature	-20°C to +70°C
Voltage	4.5V
Connector	Pin or Zebra
Driving Method	Static/Dynamic
Polarizer Type	Transflective/Transmissive/Reflective

#### Technical Details

Item	Content	Description
LCD Type	TN, HTN, FSTN, VA, DFSTN, STN LCD Display	Various LCD technology options
Outline Size	Customized	Tailored to your requirements
Viewing Direction	6 O'clock or 12 O'clock	Optimal viewing angle selection
Voltage	2.8V, 3.0V, 3.2V, 3.6V, 4.0V, 4.5V, 5.0V	Multiple voltage options available
Display Mode	Positive or Negative	Contrast options
Backlight	With or without	Optional illumination
Operation Temperature	0°C to +50°C, -10°C to +60°C, -20°C to +70°C	Wide operating range
Storage Temperature	-10°C to +60°C, -20°C to +70°C, -30°C to +80°C, -35°C to +90°C	Robust storage conditions
Contact	Pin, Zebra or FPC	Flexible connection options

#### Key Features

- 4.5V operating voltage** - Compatible with specific power systems without additional voltage stabilizing circuits
- Custom driving methods** - Supports 1/3BIAS, 1/4DUTY and other configurations
- Monochrome 7-segment display** - Clear presentation of 0-9 numbers with customizable decimal points and symbols
- Multiple LCD modes** - Supports TN, HTN, STN, VA technologies with customizable viewing angles
- Optional backlighting** - White, blue, or yellow LED options for low-light environments
- Extensive customization** - Dimensions, connectors, temperature ranges, and display content can be tailored
- Robust construction** - Low power consumption, anti-interference, and wide temperature tolerance (-30°C to 80°C)
- Compact design** - Available in 0.55mm and 0.7mm glass thickness options

#### Applications

**Instrumentation** - Multimeters, digital voltmeters, electronic scales, vernier calipers

**Consumer Electronics** - Calculators, electronic clocks, timers, battery indicators

**Home Appliances** - Air conditioners, washing machines, microwave ovens, water heaters

**Industrial Control** - Equipment monitoring displays for pressure, speed, and temperature

**Medical Devices** - Blood pressure monitors, blood glucose meters, thermometers



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