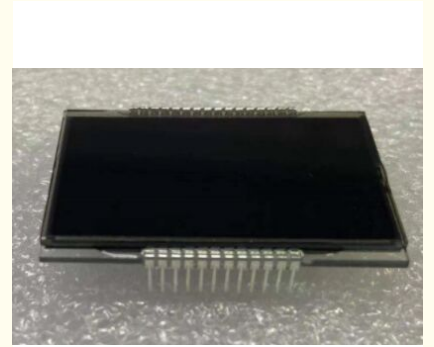


High Contrast VA LCD Display with 7 Segment Structure and Custom Monochrome Features

Basic Information

- Place of Origin: China
- Brand Name: BBI
- Certification: ISO90001 RoHS
- Minimum Order Quantity: 1000
- Price: 0.7-7USD
- Packaging Details: CARTON
- Delivery Time: 3-47WEEKS
- Payment Terms: T/T
- Supply Ability: 100000/MONTH



Product Specification

- Connect: Pin, Zebra Or FPC
- Viewing Direction: 6 O'clock Or 12 O' Clock
- Touch Screen: Customized
- Light Source: White LED*6
- Display Technology: LCD
- Backlight Type: LED
- Display Mode: Positive Or Negative
- Technology: LCD
- Highlight: **7 Segment Structure VA LCD Display, High Contrast VA LCD Display, Custom Monochrome VA LCD Display**



Product Description

High Contrast VA 7 Segment Display Screen Panel Custom Monochrome LCD

This high-performance VA LCD display features excellent contrast and wide viewing angles, ideal for industrial and consumer applications requiring clear numeric displays.

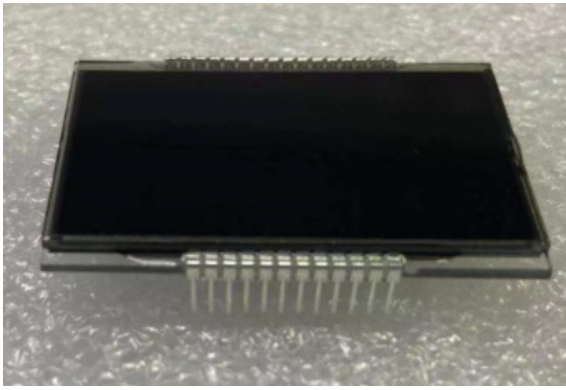
Product Specifications

Type	VA LCD Display
Backlight Color	White, Blue or Red
Voltage	2.8~5.0V
Connector	Pin, Zebra or FPC
Driving Method	1/4Duty, 1/3 Bias
Polarizer Type	Transmissive

Detailed Technical Parameters

Item	Content	Description
1	LCD Type	TN, HTN, FSTN, VA, DFSTN, STN LCD Display
2	Outline Size	Customized
3	VA Size	Custom
4	Viewing Direction	6 O'clock or 12 O'clock
5	Voltage	2.8V, 3.0V, 3.2V, 3.6V, 4.0V, 4.5V, 5.0V
6	Display Mode	Positive or Negative
7	Backlight	With or without
8	Operation Temp	0°C TO +50°C, -10°C TO +60°C, -20°C TO +70°C
9	Storage Temp	-10°C TO +60°C, -20°C TO +70°C, -30°C TO +80°C, -35°C TO +90°C
10	Contacting	Pin, Zebra or FPC





Core Technical Features

VA Liquid Crystal Technology: Vertically arranged structure achieves 1000:1 contrast ratio for clear black/white display with ultra-wide 110° viewing angle.

7-Segment Display: Simple structure with mature 1/4 duty cycle, 1/3 bias drive method for reliable numeric display (0-9).

Monochrome Display: Black/white base with optional color silk printing and selectable LED backlight (blue/white/red).

Performance Advantages

Low Power Operation: 3.0V-5.0V range ideal for small electronic devices.

Wide Temperature Range: -20°C to 70°C standard (extended to -30°C to 85°C for industrial versions).

Fast Response: 8ms-30ms switching with no ghosting for smooth display transitions.

Customization Options

Shape/size customization including display area dimensions

Backlight color/brightness and interface type (PIN, I2C, SPI)

Polarizing film type (transmissive, semi-transmissive/reflective)

Special temperature ranges for industrial/automotive applications

Applications

Industrial: Power/water meters, measuring tools

Consumer Electronics: Printers, control panels, digital photo frames

Automotive: Dashboards, climate controls, motorcycle displays

Energy: Charging stations, UPS systems, solar equipment

Portable Devices: Medical instruments, electronic price tags



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