

Customized Size VA LCD Display with 2.8~5.0V Working Voltage and 6:00 O'clock Viewing Direction

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

- Storage Temperature: -30~+70
- Screen Size: Customized
- Backlight Type: LED
- Lcd Type: VA Lcd Display
- Mode: VA,Negative Display
- Productname: VA LCD Display
- Display Color: Black
- Working Voltage: 2.8~5.0V
- Highlight: Customized Size VA LCD Display,
2.8~5.0V Working Voltage LCD Screen,
6:00 O'clock Viewing Direction LCD Module



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Negative VA LCD Display Black Background LCD Screen For Electronic Equipment

High-performance VA LCD display featuring black background with bright content, offering superior contrast and wide viewing angles for various electronic applications.

The VA liquid crystal display is a vertical alignment liquid crystal display. When it is not powered on, the liquid crystal molecules are vertically arranged between the upper and lower substrates. After being powered on, the liquid crystal molecules tilt, allowing the backlight to pass through and thus display images. The following is an introduction to this custom-sized VA liquid crystal display:

Product Features:

Wide viewing angle: The viewing angle is usually around 130 to 145 degrees. When viewed from the left and right, as well as the top and bottom directions, the color and brightness attenuation is relatively small, ensuring the clarity and color accuracy of the picture when viewed from different angles.

High contrast: VA liquid crystal displays can achieve very deep black performance and have extremely high static contrast, typically reaching 3000:1 or even higher, making the picture more layered and the dark areas have richer details.

Wide operating voltage range: The operating voltage is 2.8 to 5.0V, which can adapt to various different power supply environments and has good compatibility, meeting the needs of various low-power devices.

Customization: Sizes can be customized according to customer requirements, meeting the display needs of different devices. The six o'clock viewing angle means that when looking up from the bottom of the screen, the display effect is the best.

Display mode and color: VA black-and-white screens are usually in the negative film mode, that is, bright parts are presented on a dark background, and they can be clearly visible even in strong light. However, there are also color VA liquid crystal displays available for selection.

Connection methods: Common connection methods include metal pin feet, heat-pressed zebra paper, FPC, conductive adhesive strips, etc., which are convenient for connection with different circuit boards.

This VA liquid crystal display is widely used in the following fields:

Medical equipment: such as blood pressure monitors, blood glucose meters, medical monitoring devices, etc., the wide viewing angle and high contrast characteristics facilitate clear data reading by medical staff and patients from different angles.

Industrial control: can be used in industrial instruments, operation panels of automation equipment, etc., allowing operators to clearly see the display content in complex industrial environments.

Automotive electronics: such as car dashboards, audio display screens, etc., the wide voltage range and good display performance can adapt to the electrical environment inside the car and different lighting conditions.

Household appliances: like microwave ovens, ovens, air conditioners, control panels, etc., the six o'clock viewing angle conforms to people's viewing habits when operating appliances, and the high contrast makes the display information clear and easy to read.

Consumer electronics: such as electronic dictionaries, early education machines, etc., can provide clear text and image display for users, the wide viewing angle is convenient for multiple people to watch together.

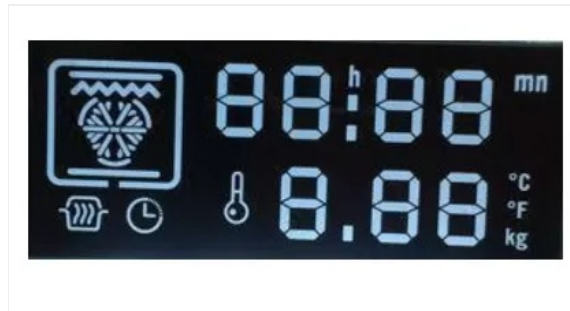
Technical Specifications

Type	VA LCD Display
Storage Temperature	-20°C to +70°C
Operating Temperature	-30°C to +80°C
Voltage	2.8V-5.5V
Driving Method	Static/Dynamic
Polarizer Type	Transflective/Transmissive

Product Features

Usage/Application	Lift, Automobile, Household Appliance, Nurse call/pager, Detector, Others
Display Content	Character, Graphic, Segment, Dot-matrix

Module Size	Custom
Backlight	LED, EL, CCFL, Without
Viewing Direction	6:00 O'clock, 12:00 O'clock
Connector Type	Pin, FPC, Heat-seal, Zebra



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