

VA LCD Screen 5V 4 Digit Seven Segment Display with 37PIN Connector

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

- Viewing Angle: 3 O'clock
- Va Size: 50.5(W)* 88.5(H) Mm
- Active Area: 36.72(H)* 48.96(V) Mm
- Display Technology: LCD
- Luminance: 160 Cd/m2
- Outline Size: 55.5(W)* 97.5(H)* 2.8(T) Mm
- Polarizer Type: Transmissive
- Display Type: VA, Negative
- Highlight: **5V VA LCD Screen,
4 Digit Seven Segment Display,
37PIN LCD Screen**



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VA Type 5V LCD Screen Black 4 Digit Seven Segment Display 37PIN

VA LCD Screen Display Black 7-Segment 4 Digits White 37PIN

Detail Information

LCD Type	VA, Negative
Viewing Angle	3 O'clock
Operating Temperature	-20~+70
Voltage	5.0V
Connector	PIN

Key Display Metrics

CO₂ Concentration: Usually shown in parts per million (ppm)

Temperature and Humidity: Many CO₂ detectors also monitor these environmental factors

Alerts and Warnings: Visual indicators for high CO₂ levels (e.g., icons, flashing text)

Display Type

Segment LCD: Suitable for simple numeric and text displays

Graphical LCD: Displays additional information like trend graphs or multi-line data

Color LCD: Highlights warnings using red/yellow/green schemes for CO₂ levels

Detailed Parameters

Outline dimension	55.5(W)* 97.5(H)* 2.8(T) mm	Display mode	VA, Negative
LCD viewing area	50.5(W)* 88.5(H) mm	Polarizer type	Transmissive
Operating temp.	-20~+70	LED backlight	White
Drive method	1/6 Duty, 1/3 Bias	Working voltage	5.0V
Viewing angle	3 O'clock	Connection Way	PIN, 37 numbers



Product Overview

The VA type 5V liquid crystal screen in black with 4-digit 7-segment display and 37 pins is a common type of liquid crystal display device.

Display type: Utilizes VA (vertical orientation) liquid crystal technology. This technology's liquid crystal screen has high contrast, with a dark base like ink, and can present clear and prominent display effects. 4-bit 7-segment display means it can display 4-bit numbers or characters, each consisting of 7 fields, achieving 0-9 digit display and some simple symbol display by controlling the on/off state of different fields.

Working voltage: The working voltage is 5V, which is a common voltage specification, making it easy to connect with most microcontrollers and circuit systems, without the need for complex voltage conversion circuits.

Pin count: It has 37 pins. These pins are used to connect external circuits to drive and control the display, including power input, data

transmission, control signal input, and other functions.

Operating temperature: It can generally operate normally within the temperature range of -20 to 70 , meeting the usage requirements of most ordinary environments.

Application fields: Due to its clear display effect and simple control method, it is often used in automotive electronics, instrument and equipment, household appliances, smart watches, office equipment, and medical equipment. For example, digital displays on car dashboards and time displays on electronic clocks.



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