

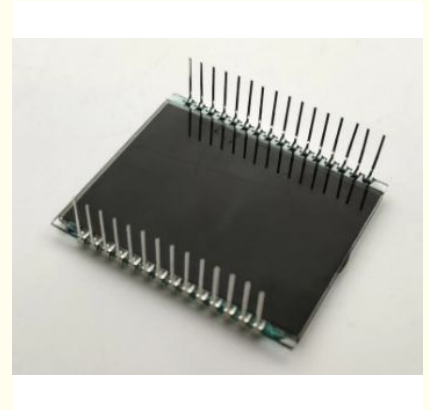


Small Size VA LCD Display with 3 Line 4 Digits Black Segment Screen and 6 O'clock Viewing Angle 30PIN

Our Product Introduction

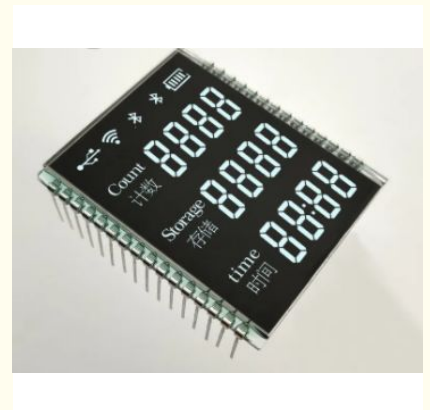
Basic Information

- 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

- Backlight Color: White
- Operating Temperature: 0~+50
- Customized: Customized
- Screen Size: Customized
- Connector: PIN, 34 Numbers
- Driving Condition: 4.5 V
- Display Mode: VA, Negative
- Backlight Type: LED
- Highlight: **3 Line 4 Digits VA LCD Display ,
30PIN LCD Segment Display ,
6 O'clock Viewing Angle LCD Module**



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Small Size VA LCD Display 3 Line 4 Digits Black Segment Screen 30PIN

Product Description

How to develop a Custom VA LCD Screen:

Determine Backlighting Options

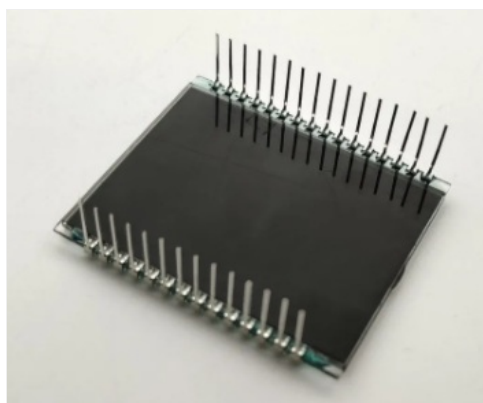
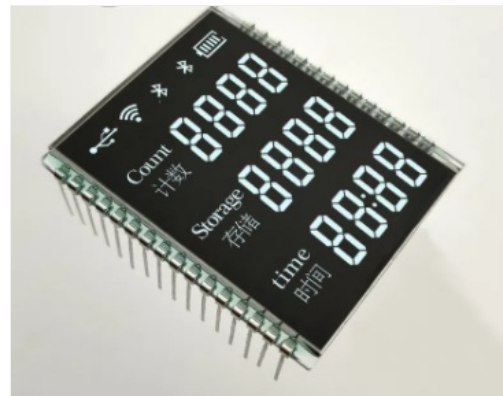
- Backlight type: LED or EL (Electroluminescent) lighting
- Uniformity and brightness levels based on usage conditions
- Color matching with the device's branding

Design Custom Segments or Graphics

- Work with the manufacturer to define the layout:
 - Segments: Numeric, alphanumeric, or symbols
 - Icons: Battery status, alerts, wireless indicators, etc.
 - Dynamic elements: Bar graphs or progress indicators

Detailed Parameters

Module size	39(W)* 46(H)* 2.8(T) mm	Display mode	VA, Negative
LCD viewing area	32(W)* 43(H) mm	Polarizer type	Transmissive
Operating temp.	0~+50	LED backlight	White
Drive method	1/4 Duty, 1/3 Bias	Working voltage	4.5V
Viewing angle	6 O'clock	Connection Way	PIN, 34 numbers



Technical Definitions

VA LCD Display:

VA (Vertical Alignment) is a type of liquid crystal display that features high contrast and wide viewing angles, providing excellent display quality. It is commonly used in devices such as monitors and televisions.

Small Size:

Usually refers to a display with a smaller diagonal screen size, typically ranging from a few inches to several dozen inches. Common sizes include 3.5 inches, 5 inches, and 7 inches. These screens are small in size and have low power consumption, making them suitable for portable electronic devices and industrial control equipment.

3-Wire:

Generally refers to a screen interface that uses the 3-wire SPI (Serial Peripheral Interface) communication protocol, which uses MOSI (Master Device Data Output), SCLK (Clock Signal), and CS (Chip Select) three lines to achieve data transmission with the main control chip. This method is suitable for one-way data transmission scenarios.

4-Bits:

Indicates that the screen can display 4-bit numbers or characters, such as common digital tube displays, which can be used to display simple numerical information, such as temperature, time, and counting.

Black Segment Screen:

Refers to a screen with black segment codes for display, usually showing black numbers, characters, or graphics on a white background. It belongs to a monochrome display type and has the characteristics of clear display and low power consumption, commonly used in electronic watches, calculators, and instrument meters, etc.

30PIN:

Refers to a screen with 30 pins. These pins are used to connect the screen to the circuit board to achieve power supply, data transmission, and other functions. Different pin arrangements and definitions correspond to different interface standards and functions.



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