

3.5V VA LCD Display with Negative High Contrast and 12 O'clock Viewing Angle

Our Product Introduction

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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

- Type: FSTN Lcd Display
- Working Supply: 3.5V
- Connector: PIN
- Backlight: White Led
- Viewing Angle: 12 O ' Clock
- Backlight Type: LED
- Display Color: Customizable
- Drive Method: Static Or Dynamic
- Highlight: **3.5V VA LCD Display ,
Negative High Contrast LCD Module,
12 O'clock Viewing Angle LCD Display**



3.5 Volt Custom LCD Display / VA Negative High Contrast LCD Transmissive Display Module

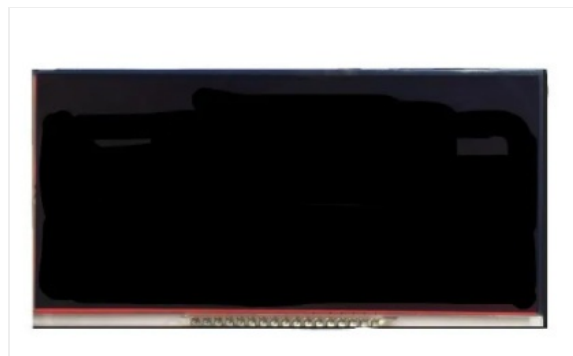
A high-contrast LCD display device that adopts VA (vertical alignment) liquid crystal technology, with a working voltage of 3.5V, supporting customization and using negative display mode.

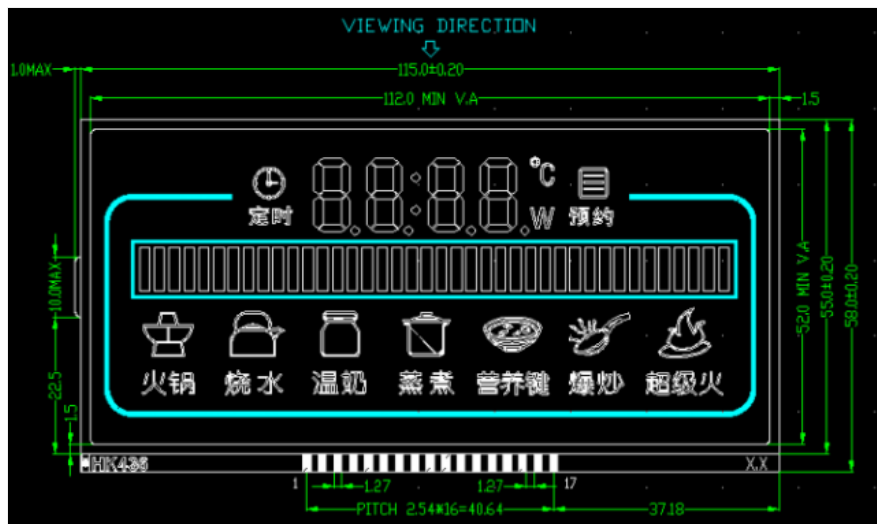
Product Specifications

Type	VA LCD Display
Background	Black Color
Voltage	3.5 V
Connector	Pin
Driving Method	Static Or Dynamic
Polarizer Type	Transmissive, Transflective

Detailed Specifications

Item	Content	Description
1	LCD Type	FSTN LCD Display
2	Outline Size	115mm (L) * 58mm (W) * 1.1mm T
3	VA Size	112mm (L) * 52mm (W)
4	Viewing Direction	12 O'clock
5	Voltage	3.5V
6	Display Mode	Negative
7	Polarizer Mode	Transmissive
8	Backlight	White LED
9	LED Number	4pcs
10	Contact	Pin





Display Screen Core Introduction

The VA liquid crystal molecules in this module are in a vertical alignment state when not powered, and will tilt with the voltage change after being powered, thereby controlling the amount of light passing through to achieve imaging. The low working voltage of 3.5V meets the power supply requirements of most small electronic devices, and the energy consumption control is reasonable.

Key Features

- Negative display mode with dark background and light content
- High contrast ratio (typically above 3000:1) for excellent visibility
- Wide viewing angles with minimal color shift
- Customizable screen size, display area, and interface options
- Includes liquid crystal panels, driving ICs, and FPC flexible circuit boards
- Optional white LED backlight for low-light environments
- Wide operating temperature range (-30 to 85)

Performance Considerations

Due to the characteristics of VA liquid crystal technology, its response time is slower compared to TN and IPS panels. When displaying high-speed dynamic images, it may cause slight ghosting. Therefore, it is more suitable for static or low-speed changing information display rather than high-dynamic scenes.

Main Applications

- Automotive Electronics:** Instrument panels for motorcycles, electric vehicles, and cars displaying speed, battery level, and fault codes
- Industrial Instruments:** Multimeters, thermometers, power detectors, and charging stations
- Smart Home Devices:** Control panels for air conditioning systems and smart lock status displays
- Consumer Electronics:** Portable medical devices like blood glucose meters and electronic thermometers

Our Services

- Free repair within one year after shipment
- Replacement within 30 days for defective products
- Custom logo printing and model number labeling
- Competitive shipping rates through established partnerships
- Professional technical support and responsive after-sales service
- Rigorous quality control with pre-shipment testing
- Custom LCD display solutions based on your specifications



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