



## Segmented VA LCD Display Module with HT1623 Driver IC, 3000:1 Contrast Ratio, and 5.0V Operating Voltage

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: BBI
- Certification: ISO9001 RoHS
- Model Number: BBI-001
- 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

- Driver Ic: HT1623
- Aspect Ratio: 16:9
- Operating Temperature: -30~80
- Back Polarizer: Transmissive
- Power Consumption: 25 Watts
- Transport Package: Carton/Pallet
- Contrast Ratio: 3000:1
- Voltage: 5.0V
- Name: VA LCD Display
- Highlight: **HT1623 Driver IC VA LCD Display, 3000:1 Contrast Ratio Segmented LCD Display, 5.0V Operating Voltage LCD Module**


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## Product Description

### Segmented VA LCD Display Black Panel White Backlight HT1623 COB PIN Module

#### Vertical Alignment Technology

In VA LCD displays, liquid crystals are aligned vertically when no voltage is applied. When voltage is applied, the crystals align to allow or block light transmission, creating visible images. This vertical alignment enables superior contrast ratios and deeper blacks compared to TN or IPS LCD technologies.

#### Superior Contrast and Black Levels

VA LCDs excel at producing deep blacks by effectively blocking light in the off state, achieving contrast ratios of 3000:1 to 6000:1 or higher. These exceptional black levels make VA displays ideal for movie viewing and applications in dark environments.

#### Technical Specifications

Product Description	Segmented VA LCD Display	LCD Type	Segmented Display
Module Size	78(W) × 71(H) × 16.3(T) mm	Display Mode	VA, Negative
Viewing Area	67.99(W) × 42.99(H) mm	Polarizer Type	Transmissive
Driver IC	HT1623	LED Backlight	White, 4pcs, 60mA
Drive Method	1/8 Duty, 1/4 Bias	Working Voltage	5.0V
Viewing Angle	6 O'clock	Connection Method	COB+PIN, 56 numbers
Operating Temperature	-30 to +80	Storage Temperature	-30 to +80

#### Applications

**Consumer Electronics:** Air conditioner controls, refrigerator displays, washing machine panels, electronic scales, blood glucose meters, blood pressure monitors, calculators, and remote controls

**Industrial Instrumentation:** Digital multimeters, frequency meters, thermometers, pressure gauges, and industrial control equipment displays

**Automotive Electronics:** Tire pressure monitors, voltage meters, speedometers, and window control panels

**Medical Devices:** Infusion pumps, blood oxygen meters, and portable medical equipment

**Security & Smart Devices:** Security equipment panels, smart lock status displays, and various low-cost, high-reliability applications





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### Packaging & Shipping

**Packaging:** Carton boxes, cupboard, EPE, blister tray. Packaging methods are customized based on product size and customer requirements.



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**Shipping:** Express delivery via DHL, FedEx, EMS, UPS, air shipping, or sea shipping according to customer preference.

						
	2-7days	2-8days	2-7days	3-15days	2-5days	2-7days
<b>Notice</b>	<ol style="list-style-type: none"> <li>EMS for Brazil, Russia and Remote areas .</li> <li>SF for Hong Kong, Taiwan, South Korea, Japan, Thailand, Singapore and Malaysia .</li> <li>Having logo product can't be sent by FEDEX .</li> <li>The Brazil want to use FEDEX/DHL , need to offer CNPJ / CPF to us !</li> </ol>					

**Payment Method:** Multiple payment options available.



## Frequently Asked Questions

### Can you customize LCD displays with specific dimensions and digit requirements?

Yes, we can customize displays based on your specifications or samples. Please provide your drawing or sample for evaluation.

### Can you modify existing display sizes and content?

For segment-type LCD modules requiring size or content modifications, we can create new tooling to produce custom glass modules.

### Can you change LCD types from HTN to STN?

Yes, we can modify display types according to your specific requirements.

### What is your custom LCD development process?

We can create custom LCD modules based on your specifications including outline size, glass thickness, polarizer type, connector mode, temperature range, and viewing direction.

### What is the tooling lead time?

Typically 15-25 days after drawing confirmation and tooling payment.

### Do you provide samples for evaluation?

Yes, sample orders are available for quality verification.

### What are your production lead times?

Standard products ship within one day if in stock. Custom mass production typically takes 15-30 days.

## Our Services

- Free repair within one year after shipment
- Replacement within 30 days for product-related issues
- Custom logo printing and model number application
- Competitive shipping rates through established carrier partnerships
- Professional technical support and responsive after-sales service
- Comprehensive quality control with pre-shipment inspection
- 24-hour response time for customer inquiries and support
- Full customization capabilities for all types of LCD displays



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