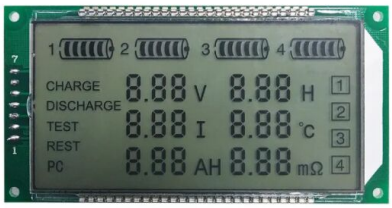
Custom 7 Segment LCD Display Module HT1621 TN Positive Blue Backlight

Our Product Introduction

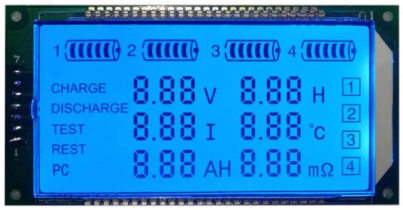
Basic Information

- 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

- Driver Ic: HT1621*2PCS
- Operating Temp: -10~+60
- Working Voltage: 5.0V
- Customized: Customized
- Lcd Type: TN, Positive
- Driver Method: 1/4 Duty, 1/3 Bias
- Highlight: **7 segment LCD display HT1621**, **TN positive blue backlight LCD**, **custom 7 segment LCD module**



More Images

Product Description

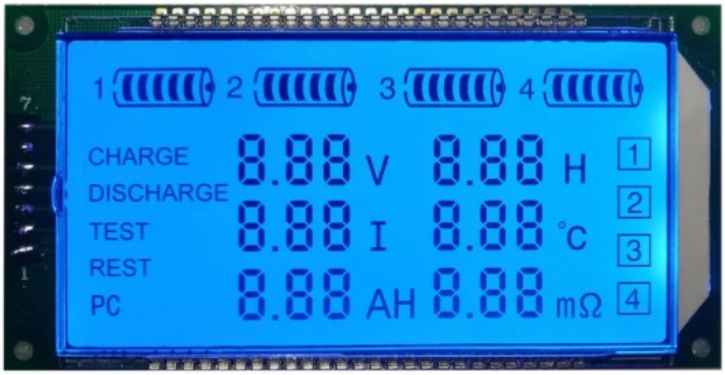
Custom 7 Segment LCD Display Module HT1621 TN Positive Blue Backlight

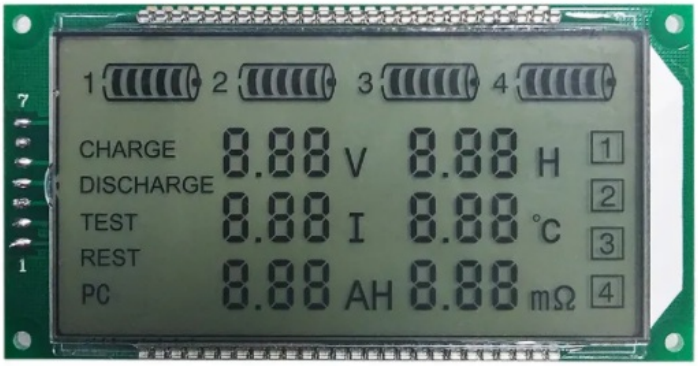
Detail Information

LCD Type:	TN, Positive
Viewing Angle:	6 O'clock
Operating Temperature:	-10~+60
Connector:	COB+PIN
Working Supply:	5.0V
Backlight:	Blue
Driver IC:	HT1621

Detailed Parameters

NO.	ITEM	SPECIFICATIONS
1	Model Number	GY8213A-6HPPS-02
2	LCD Type	TN positive, Transmissive
3	Viewing Angle	6 O'clock
4	Drive Method	1/4 Duty, 1/3 Bias, 5.0V
5	Operating Temperature	-10~+60
6	Storage Temperature	-20~+70
7	Connector	PIN, 52 numbers
8	Backlight	LED, Blue, 30mA
9	Driver IC	HT1621*2PCS
9	LCD Outline Dimension	88.5(W)* 40.0(H)* 11.4(T) mm
10	View Area	70(W)* 35(H) mm





Notices: What is TN Technology?

TN (Twisted Nematic)

Its working principle is: that there are polarizers on the upper and lower layers of the panel, and the transmission directions of the two polarizers are perpendicular to each other. The liquid crystal molecules are arranged in a 90° twist from the upper layer to the lower layer in space.

When no power supply voltage is applied, the liquid crystal is in a natural state, and the light emitted from the lower layer will be twisted 90° after passing through the liquid crystal interlayer so that it can pass smoothly through the upper layer.

When the power supply voltage is applied between the two layers, an electric field is generated. At this time, the liquid crystal will deflect and arrange vertically, and the light will not be twisted. So the light cannot pass through the lower layer.

This realizes the control of the backlight illumination pixel.

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