

1.33 Inch IPS TFT LCD Display with 240x240 Resolution and 12 Pins for Wearable Devices

Our Product Introduction

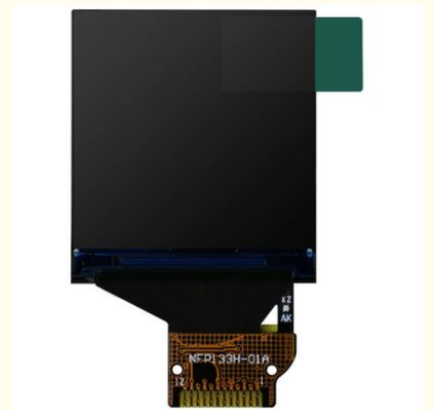
Basic Information

- 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

- Product Type: TFT LCD Screen
- Lcd Type: IPS
- Pins Number: 12Pins
- Operating Temperature: -20~+70
- Size: 1.33 Inch
- Display Mode: Normal Black
- AA Size: 23.40*23.40mm
- Backlight Type: LED
- Highlight: **1.33 Inch TFT LCD Display ,
240x240 Resolution IPS TFT Screen ,
12 Pins LCD Display Module**

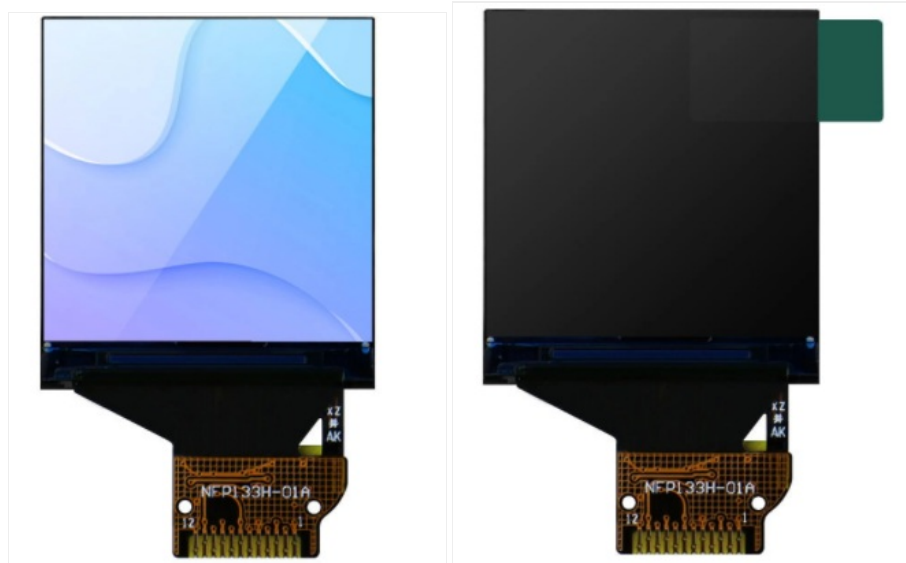


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1.33 Inch IPS TFT LCD Display 240x240 Driver Ic ST7789V 350cd/m²

This TFT LCD Display is a color-active matrix thin-film transistor (TFT) liquid crystal display (LCD) that uses amorphous silicon TFT as a switching device. If your product requires a size 1.33 inch then our LCD is just what you need. Improve your product design by adding our 240*240 resolution product. QC department measured the luminance is 350 nits under normal operating conditions.

Specification	Value
Size (inch)	1.33
Resolution	240*240
Active Area (mm)	23.40*23.40
Pixel pitch (um)	97.5*97.5
Outline Dimension (mm)	26.16*29.22*1.5
Pixel arrangement	RGB Vertical Stripe
Display Mode	Normally Black
Viewing Angle	ALL
Display colors	262K
Brightness (cd/m ²)	350
Contrast Ratio	600:1
Interface	4 Wire SPI
Back-light	LED Side-light type
Driver Ic	ST7789V
Operation Temperature (°C)	-20~70
Storage Temperature (°C)	-30~80
Response time (ms)	35
Pin Number	12



Application Scenarios

This display is ideal for applications requiring small size, high brightness, and low power consumption. Its core applications include:

Wearable Device Field

Smart watches/bracelets: Displays time, heart rate, exercise data, and notifications with 350cd/m² brightness for outdoor visibility

Smart glasses/sports glasses: Secondary screen for navigation and calls with comfortable wearing design

Health monitoring devices: Displays real-time data with IPS wide viewing angle for easy reading

Portable Intelligent Device Field

Smart home controllers: Displays status and operation feedback for switches and sensors

Portable instruments: Clearly shows measurement data and waveforms at 240*240 resolution

Small game consoles/toys: Enhances gaming experience with excellent color performance

Industrial and IoT Field

IoT sensor nodes: Local display for agricultural/industrial monitoring data

Small industrial controllers: Shows operation parameters with ST7789V driver stability

Smart access control: Displays user information and attendance status



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