

1.44 Inch 128X128 Resolution TFT LCD Screen with MCU Interface and 140 cd/m2 Luminance

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

- Screen Type: TFT
- Dimensions: 34.4 * 29 Mm * 2.2 T
- Size: 1.44inches
- Touchscreen: No
- Color Gamut: RGB
- Luminance: 140 Cd/m2
- Backlight Type: LED
- Panel Type: IPS
- Highlight: **128X128 Resolution TFT LCD Screen ,
140 cd/m2 Luminance TFT LCD Screen ,
MCU Interface TFT LCD Screen**



1.44" Resolution 128x128 SPI LCD Module, MCU Interface TFT LCD Screen

Resolution	128 x 128
Size	1.44 Inch
Viewing Direction	MCU
TFT Mode	TFT, Transmissive
Outline Size	34.4 x 29 mm x 2.2 T
Brightness	140 Nits

Product Name	1.44 Inch TFT LCD Display 128 x 128 Dots
Display Outline Size	34.4 x 29 mm x 2.2 T
Resolution	140 cd/m ²
Viewing Angle	12 O'Clock
Technology Type	a-Si TFT
Display Mode	Normally White, Transmissive
Interface Type	SPI/MCU / 80-System 8 Bits Parallel Bus
Controller/Driver	ST7735S



I. Consumer Electronics and Portable Devices: Core of Small Screen Interaction

This compact module with simple SPI interface enables quick integration for basic information visualization needs in lightweight, cost-sensitive applications:

- Portable monitoring devices (mini thermometers, air quality detectors, step counters)
- Small intelligent control terminals (smart home remotes, Bluetooth speakers, e-cigarette control panels)
- Children's electronic toys (story machines, mini game devices, electronic pets)

II. Industry and Internet of Things (IoT): Low-cost State Visualization

Ideal for industrial applications requiring state visualization with low power consumption and small footprint:

- Sensor node displays (factory sensors, agricultural monitors)
- Device status indicators (motor controllers, charging stations, access control readers)
- IoT edge terminals (BLE collectors, LoRaWAN nodes)

III. Medical Health: Display End of Small Monitoring Devices

Meets the demand for portable health monitoring with stable performance:

- Home mini health instruments (blood oxygen meters, blood pressure monitors, sleep trackers)
- Medical auxiliary equipment (insulin pens, fetal heart rate monitors)

IV. Maker and Education: Entry-Level Color Display Teaching Tools

Perfect for learning environments with low-cost color display solutions:

- Maker project prototypes (smart planters, weather stations, DIY clocks)
- Electronic teaching experiments (embedded display principles courses)

V. Automotive and Transportation: Auxiliary Information Display

Suitable for compact spaces in automotive aftermarket and small transportation devices:

- Automotive components (tire pressure monitors, Bluetooth displays)
- Small transportation devices (e-bike dashboards, shared bike locks)

Core Adaptation Scenarios

This TFT module excels in applications requiring small size, low-complexity color display, and cost-effective MCU integration - when scenarios don't demand large screens or ultra-high resolution but benefit from enhanced information readability.



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