

2.8 Inch IPS TFT LCD Display with 240x320 Resolution and 300 cd/m² Brightness

Our Product Introduction

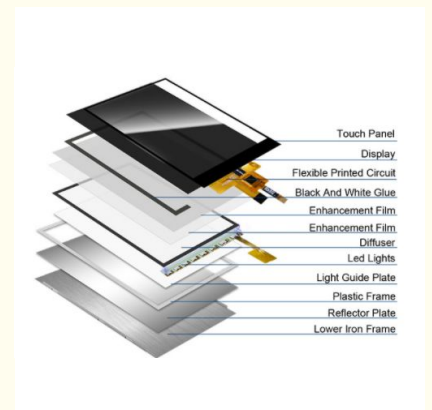
Basic Information

- Place of Origin: China
- Brand Name: BBI
- Certification: ISO9001 RoHS
- Minimum Order Quantity: 1000
- Price: 0.7-7USD
- Packaging Details: CARTON
- Delivery Time: 3-4WEEKS
- Payment Terms: T/T
- Supply Ability: 100000/MONTH



Product Specification

- Touchscreen: Customized
- Operation Temperature: -20 ~70
- Screen Size: 2.8inches
- View Direction: ALL
- Supplier Type: Manufacturer
- Display Mode: TFT Transmissive
- Brightness: 300 Cd/m²
- Optimum Resolution: 240*320
- Highlight: **2.8 Inch IPS TFT LCD Display ,
240x320 Resolution TFT LCD Screen,
300 cd/m² Brightness LCD Display Module**



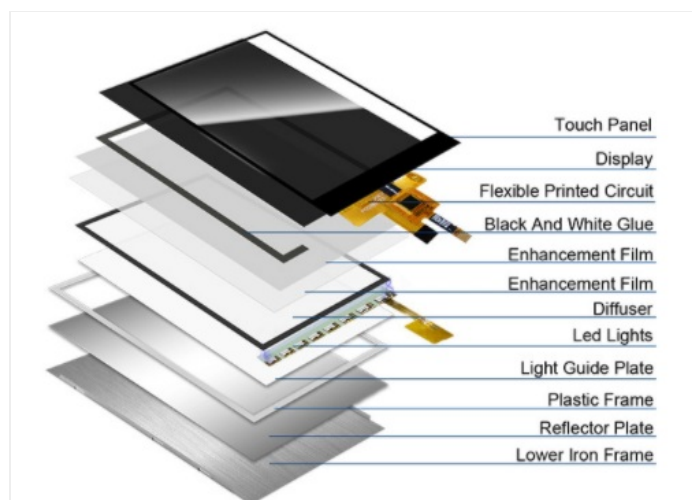
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Full Color 2.8 inch IPS Tft LCD Display Small Size RGB Color Screen

This 2.8 inch TFT LCD display features IPS technology and a capacitive touch panel (CTP), delivering clear visuals with responsive touch control. Ideal for consumer electronics and industrial applications.

Technical Specifications

Parameter	Value
Screen Size	2.8 inch
Number of Pixel	240RGB(H)x320(V)
Pin	10 pin
Display area	43.20(H)x57.60(V)mm
Pixel pitch	0.180(H)x0.180(V)mm
Outline Dimension	50.00x69.20x3.10mm
Pixel arrangement	RGB Vertical Stripe
Display mode	Normally Black
Viewing Direction(eye)	ALL
Display Color	262K
Luminance(cd/m2)	300 nit
Contrast Ratio	1200:1
Interface	4wire SPI
Back-light	LED Side-light type
Drive IC	ST7789V
Operation Temperature	-20~70
Storage Temperature	-30~80





Product Features

Dimensions: 2.8 inch diagonal screen size with effective display area of 43.2mm×57.6mm

IPS Technology: Maintains color consistency from all viewing angles without distortion

TFT Technology: Provides independent pixel driving for fast response and high-resolution display

Resolution: 240×320 pixels for clear text and graphics display

Color Performance: Full-color RGB screen capable of displaying 262K colors

Brightness: 300 nits for clear visibility in various lighting conditions

Contrast Ratio: 1200:1 for detailed, layered images

Interface: 4-wire SPI for simple data transmission and control

Temperature Range: Operates from -20 to +70 for versatile environment adaptation



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