

## 4.3 Inch IPS TFT LCD Display with 400cd/m2 Luminance MCU 8/16bit SPI Interface and NV3041A-01 Driver IC

### 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

- Driving Ic: NV3041A-01
- Luminance: 400cd/m2
- View Direction: ALL O'clock
- Size: 4.3 Inch
- Outline Dimension: 105.46x67.10x3.00mm
- Operating Temperatures: -20 To 70 Degree
- Contrast Ratio: 1000:1
- Resolution: 480\*272 Pixels
- Highlight: **400cd/m2 Luminance IPS TFT LCD Display ,  
MCU 8/16bit SPI Interface TFT LCD Screen ,  
NV3041A-01 Driver IC LCD Display Module**



## Product Description

### 4.3 inch Custom IPS TFT LCD Display 480x272 Industrial Transmissive

A high-quality 4.3-inch IPS TFT LCD display with 480x272 resolution, specifically designed for industrial applications with transmissive technology.

#### Key Specifications

Resolution	4.3" IPS 480x272
Interface	MCU 8/16bit SPI 3w/4w
Driver IC	NV3041A-01
Brightness (cd/m <sup>2</sup> )	400 Nit
Viewing Angle	6 O'clock
Display Area	95.04(H) x 53.86(V) mm
Contrast Ratio	1000:1

#### Detailed Parameters

Screen Size	4.3 inch
Number of Pixel	480RGB(H) x 272(V)
Display area	95.04(H) x 53.86(V) mm
Pixel pitch	66(H) x 3 x 198(V) mm
Pins	20 pins
Outline Dimension	105.46 x 67.10 x 3.00 mm
Pixel arrangement	RGB Vertical Stripe
Display mode	Normally Black
Viewing Direction	ALL
Display Color	16.7M
Luminance	400 nit
Interface	MCU 8/16bit SPI 3w/4w
Back-light	LED Side-light type
Drive IC	NV3041A-01
Operation Temperature	-20~70
Storage Temperature	-30~80



## Product Features

**Size & Resolution:** 4.3-inch diagonal size with 480x272 resolution and RGB vertical stripe pixel arrangement

**Display Technology:** IPS technology with full viewing angle characteristics (80/80/80/80 degrees)

**Interface Options:** Supports RS232, 24-bit RGB, and MCU 8/16-bit SPI 3W/4W interfaces

**Performance:** 400 nit brightness and 1000:1 contrast ratio for clear visibility in bright environments

**Temperature Range:** Operating temperature -20 to 70 , storage temperature -30 to 80

**Customization:** Optional capacitive or resistive touch screen functionality

**Applications:** Ideal for industrial automation, medical equipment, automotive displays, and military applications



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