

## 1.54 Inch TFT LCD Screen with 26 Pins and ST7796S Controller for Smart Watch Application

Our Product Introduction

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### 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

- Pins Number: 26PINS
- Touch Screen: Yes
- Display Mode: TFT/Transmissive
- Screen Size: 1.54 Inches
- Lcd Type: IPS
- Brightness: 250 Cd/m<sup>2</sup>
- Outline Size: 31.52 \* 33.72 Mm \* 1.3 T
- Backlight Type: LED
- Highlight: **26 Pins TFT LCD Screen ,  
ST7796S Controller LCD Display Module,  
Smart Watch Application IPS TFT Display**



## Product Description

### 1.54 Inch TFT LCD Screen Resolution 320 \* 320 Touch Screen For Smart Watch

#### Product Specifications

Parameter	Value
Resolution	320 × 320
Size	1.54 Inch
Viewing Direction	IPS
TFT Mode	TFT, Transmissive
Outline Size	31.52 × 33.72 mm × 1.3 T
Brightness	250 Nits

#### Detailed Specifications

Item	Contents	Description
Product Name	Customized 1.54 Inch Square TFT LCD Display	320 × 320 LCD Module With SPI MCU Interface
Module Size	31.52 mm × 33.72 mm × 1.3 mm T	
Resolution	320 × 320	
Pixel Configuration	R.G.B. Vertical Stripe	
View Angle	IPS	
Interface Type	MIPI Interface	
Pins Number	26 Pins	
Controller / Driver	ST7796S	



#### Basic Parameters

**Size:** Diagonal size is 1.54 inches with visible area approximately 27.74mm × 27.74mm

**Resolution:** 320×320 square pixel arrangement for clear display of icons and text

**Interface:** MIPI interface supports high-speed data transmission

**Brightness:** 200-300cd/m<sup>2</sup> suitable for both indoor and bright environments

**Contrast:** Ranges from 250:1 to 900:1 depending on model

**Viewing angle:** IPS full-view technology for clear visibility from different angles

**Touchscreen:** Projected capacitive touchscreen supporting multi-touch with sensitive operation

#### Performance Features

**Clear Display:** High pixel density ensures detailed text and image presentation

**Color Reproduction:** IPS technology delivers accurate, vivid and natural colors

**Fast Response:** Quick picture updates reduce ghosting for dynamic content

**Sensitive Touch:** High accuracy and responsiveness for smooth human-computer interaction

### Application Scenarios

Ideal for smart wearable devices such as smart watches and bands, providing clear display of time, health data, and notifications while maintaining device portability and aesthetics.



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