



## 1.52" 360×360 Transmissive TFT LCD Display Module With ST77916 Driver , 580 Cd/M<sup>2</sup>

### Our Product Introduction

#### Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: RGH
- Certification: ISO9001/ISO14001
- Model Number: RT152006A
- Minimum Order Quantity: 3PCS
- Price: negotiable
- Packaging Details: standard package
- Delivery Time: 3-5 weeks
- Payment Terms: L/C, T/T
- Supply Ability: 3.5KK



#### Product Specification

- Size: 1.52 inch
- Resolution: 360 RGB X 360
- Pin Number: 16 Pins
- Viewing Direction: ALL O'clock
- Cover Glass Dimension: Customizable
- LCM Outline Dimension: 40.08 (H) X41.97(V) X1.58(T) Mm
- Control Driver: ST77916
- Viewing Area: 38.58(H) X38.58(V)
- Operating Temperature: -10 ~60
- Storage Temperature: -20 ~70
- LCD Type: Transmissive TFT
- Response Time: 35ms
- Contrast Ratio: 1300:1
- Luminance: 580cd/m<sup>2</sup>

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## Product Description

### Product Features

**1.52-inch** transmissive TFT LCD with a resolution of **360(RGB) × 360** for clear and crisp images.

Compact module size **40.08(H) × 41.97(V) × 1.58(T) mm** with active viewing area **38.58(H) × 38.58(V) mm**.

High brightness **580 cd/m<sup>2</sup>** for excellent visibility in various lighting conditions.

High contrast ratio **1300:1** for sharp image quality and vibrant colors.

**All o'clock** wide viewing angles for consistent display performance from any direction.

**Customizable cover glass** to match different application needs.

Powered by **ST77916** driver IC, ensuring stable and reliable operation.

Fast response time **35 ms** for smooth visual transitions.

Operating temperature range **-10°C to +60°C**, storage temperature **-20°C to +70°C** for versatile environments.

### Applications

Wearable smart devices.

Smart home control panels.

Handheld and portable equipment.

Medical monitoring devices.

Consumer electronics with compact display requirements.

Industrial control instruments.

This 1.52" 360×360 transmissive TFT LCD module is designed to deliver exceptional image clarity and performance in compact devices. With a high luminance of 580 cd/m<sup>2</sup> and a sharp 1300:1 contrast ratio, it produces vivid and detailed visuals even under bright ambient light. The display integrates the ST77916 driver IC for stable operation and smooth rendering, while its wide viewing angles ensure consistent color and brightness from all directions. Built with a customizable cover glass and a durable structure, it can operate reliably within a wide temperature range from -10 °C to 60 °C and withstand storage conditions down to -20 °C. Featuring a fast 35 ms response time and a 16-pin interface, this module is ideal for use in wearable devices, handheld instruments, medical monitors, smart home controls, and other space-constrained electronic products that demand high display quality and long-term reliability.



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