



6.8-Inch TFT LCD Module , 480×1280 , High Brightness 650 cd/m² , Wide Temperature Range -20~85 °C

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: RGH
- Certification: ISO9001/ISO14001
- Model Number: RTP686006A
- 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: 6.8 inch
- Resolution: 480 RGB X 1280
- Viewing Direction: ALL O'clock
- LCM Outline Dimension: 78.7 (H) X 189.6 (V) X 7.5 (T) Mm
- Active Area: 60.22 (H) X 160.59 (V)
- Number Of Pins: 30 Pins
- Product Type: Tft
- Operating Temperature: -20 ~85
- Storage Temperature: -30 ~85
- Driving IC: FL7705
- TP IC: GA6571
- Response Time: 30ms
- Contrast Ratio: 900:1
- Luminance: 650cd/m²
- Highlight: 6.8-inch TFT LCD module high brightness .

Product Description

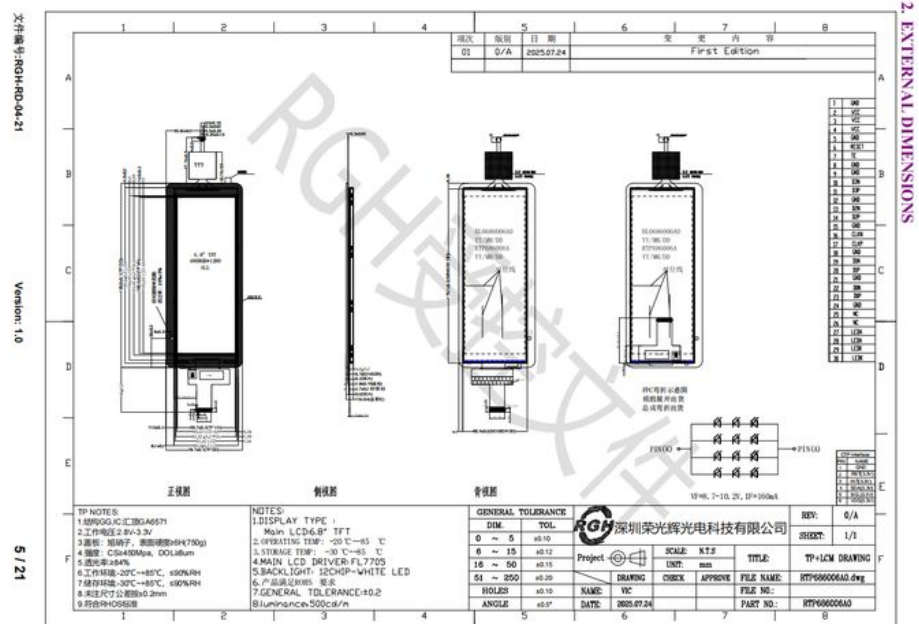
Product Features

6.88-inch TFT LCD with 480 (RGB) × 1280 resolution for sharp and detailed visuals
 High brightness of 650 cd/m² and 900:1 contrast ratio for excellent visibility in various lighting conditions
 Wide viewing angles (ALL o'clock) ensuring clear display from any direction
 Fast 30 ms response time for smooth image transitions
 Integrated capacitive touch panel (TP IC: GA6571) for accurate and responsive touch control
 Wide operating temperature range from -20 to 85 , suitable for harsh environments
 Compact outline (78.7 × 189.6 × 7.5 mm) with 30-pin interface for easy integration

Product Applications

Smart home control panels and wall-mounted control terminals
 Handheld industrial devices and portable measuring instruments
 Automotive dashboard or rear-seat entertainment displays
 Medical monitoring and portable diagnostic equipment
 Consumer electronics such as smart appliances and multimedia players

NO.	Symbol	Level	Function
1	GND		Ground
2-4	VCC		Power setting
5	GND		Ground
6	RESET		The external reset input
7	TE		TE-PIN
8	GND		Ground
9	GND		Ground
10	D3N		MIPI Data pin Positive
11	D3P		MIPI Data pin Positive
12	GND		Ground
13	D2N		MIPI Data pin Positive
14	D2P		MIPI Data pin Positive
15	GND		Ground
16	CLKN		MIPI clock signal
17	CLKP		MIPI clock signal
18	GND		Ground
19	D1N		MIPI Data pin Positive
20	D1P		MIPI Data pin Positive
21	GND		Ground
22	D0N		MIPI Data pin Positive
23	D0P		MIPI Data pin Positive
24	GND		Ground
25	NC		NC
26	NC		NC
27	LEDA		LED power anode
28	LEDA		LED power anode
29	LEDK		LED power cathode
30	LEDK		LED power cathode



This 6.8-inch 480×1280 TFT LCD module integrates a highly responsive capacitive touch panel, delivering smooth and accurate multi-touch performance. With its high brightness, wide viewing angles, and reliable operation under extreme temperatures, this display is an ideal choice for interactive smart devices, industrial handheld terminals, and other applications requiring precise touch control and vivid visual output.



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