



Sunlight Readable TFT LCD Module 5.5 Inch MIPI Interface 1920 X 1080 Dots

Our Product Introduction

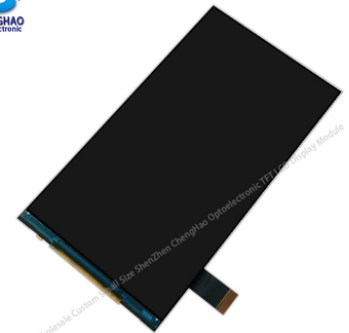
Basic Information

- Place of Origin: ShenZhen, China
- Brand Name: Chenghao/Oem
- Certification: ROHS ISO9001 CE
- Model Number: CH550FH01A
- Minimum Order Quantity: 100 pcs
- Price: /
- Packaging Details: All the products are packed in right way to keep it safe. For small sizes of products we use tray + carton, For bigger sizes we use foam slot + carton. we also design packages according to customers' requirements
- Delivery Time: 7-15 working days
- Payment Terms: T/T
- Supply Ability: 300Kpcs/month



Product Specification

- Product Name: Sunlight Readable Tft Lcd Module
- Resolution: 1080(RGB)×1920 Dots
- Viewing Direction: ALL
- Interface: Mipi
- Back Light: 14 White LED
- Storage Temperature: -30 ~ +80 °C
- Operating Temperature: -20 ~ +70 °C
- Highlight: Sunlight Readable TFT LCD Module, MIPI Interface Tft Lcd Module, 1920 X 1080 Dots Sunlight Readable Lcd Panel



Product Description

5.5 Inch Sunlight Readable Tft Lcd Module Ltps 1920 X 1080 Display

1. Specification of Thin film transistor liquid crystal display

Module Name	CH550FH01A
Type:	5.5 inch TFT
Viewing Direction:	All Viewing Direction
Connection type:	COG+FPC
Operating temperature:	30°C~80°C
Storage temperature:	30°C~80°C
Driver IC:	HX8399C
Interface type:	4lane MIPI
Brightness:	700 nit

2. Description of color lcd screen

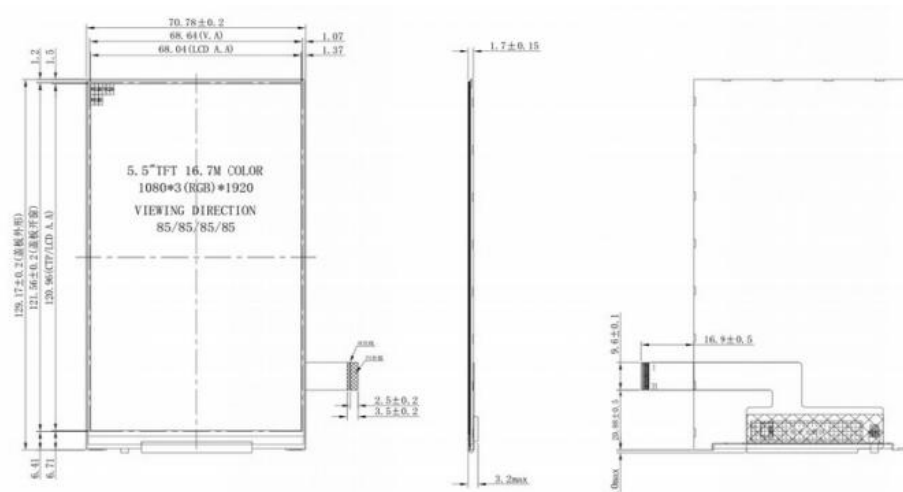
CH550FH01A is a 5.5 inch 1080 (RGB)*1920 full HD pixel color active matrix TFT (thin film transistor) LCD (liquid crystal display) Module that uses amorphous silicon TFT as a switching device. It adopts Display mode of LTPS / Transmissive / Normally Black, which makes it have superior full viewing angle. The HX8399C fixed on the glass is used as the driver IC for the entire module, and is interconnected with other components through FPC. The lcd display module will display 16M colors by inputting RGB signals to the driver IC. This lcd module adopts 4 lane MIPI interface, and FPC can also be customized according to customer needs, including shape structure, interface definition, etc.

The lcd screen module itself does not have a touch panel, and we can also install touch panels according to customer needs, including capacitive touch panels and resistive touch panels. In addition, we also have rich experience in integrating touch screen display module into project components with special covers, if your project has this need, we can provide you with the most suitable customized solution

3. Drawings of color lcd display

Notes:

- (1) Display Type : 5.5 inch-Tft lcd
- (2) Viewing Direction : 80/80/80/80
- (3) Lcd Drive IC : HX8399C
- (4) Polarizer Mode : LTPS / Transmissive / Normally Black
- (5) Operating Temperature : -20 ~ 70 °C
- (6) Storage Temperature : -30 ~ 80 °C
- (7) Unmarker Tolerance: ± 0.20
- (8) Protection : ROHS



Contact Us to get the Detailed Datasheet

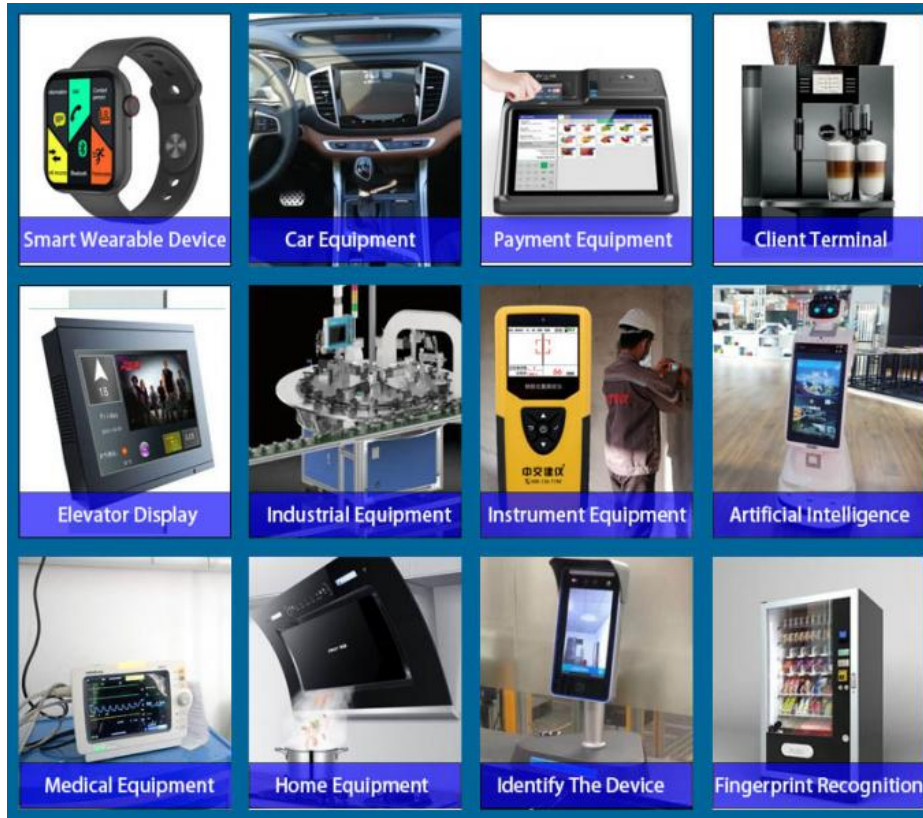
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4. Quick Detail of tft lcd color monitor

- * LCM name: 5.5 Inch Sunlight Readable Tft Lcd Module Ltps 1920 X 1080 Display
- * Model: CH550FH01A
- * Lcm Size.: 5.5-inch
- * With touch panel or not: No

- * Display Type: 5.5" TFT LCD
- * Display colors: 16.7 M
- * Resolution: 1080(RGB)*1920 dots
- * Viewing Direction: 80/80/80/80
- * Control IC: HX8399C
- * Display mode: Transmissive/ Negative
- * Outline size: 70.78×129.17×1.7 mm
- * View area: 68.44×121.36 mm
- * Active Area: 68.04 × 120.96 mm
- * Luminance: 700 cd/m2
- * Contrast: 800:1
- * Support Interface Type: MIPI
- * Pin Number: 31pin
- * Backlight type and color: LED backlight/white
- Backlight: 14 LED

5. Application of color tft display



6. General Clauses

- (1) Fully / Semi-automated production line ensure the best quality.
- (2) Custom Design,can specially meet your needs.
- (3) Fast Delivery ,about 20 days for lead time
- (4) Samples available on request; Small MOQ orders can be negotiated.
- (5) Provide best pre-sale and after-sale service to you.



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