



## LTPS LCD Display Module 1080X1920 Pxiel 4 Lane MIPI 31 Pin TFT LCD Display

### 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: LTPS Display Module
- Outline: 70.78(W)×129.17(H)×1.7(T) Mm
- View Area: 68.44(W)×121.36(H) Mm
- Active Area: 68.04(W)×120.96(H) Mm
- Dot Pitch: 63(W)×63(H) Um
- Interface: 4lane MIPI
- Weight: Tbd
- Highlight: LCD Display Module 1080X1920 Pxiel , LTPS LCD Display Module, 4lane MIPI Tft lcd Display



## Product Description

### 5.5" Ltps Display Module 1080\*1920 Pxiel 4 lane mipi 31 Pin Tft lcd

#### 1. Specification of Tft Lcd display screen module

Display Type	TFT-LCD
Display model	CH550FH01A
Pixel Configuration	RGB Stripe
Display Resolution	1080*1920 dot
Contrast	800:1 (Typ.) (TM)
Overall Size	70.78(W)×129.17(H)×1.7(T) mm
View Area (A.A)	68.44(W)×121.36(H) mm
Luminace	700 cd/m2
Viewing Direction	80/80/80/80
Interface	4 lane MIPI

#### 2. Description of thin film transistor monitor

CH550FH01A is a color TFT (thin film transistor) LCD (liquid crystal display) Module that uses amorphous silicon TFT as a switching device. It contains a LTPS tft lcd Panel, a control IC, a backlight and an FPC.

The HX8399C mounted on glass is used as the driver IC for this module and is interconnected with other display components via FPC.

14 Pcs White LEDs are used as backlight components to provide 700 Nit Luminance, making this module sunlight readable.

FPC can be re-customized according to customer requirements, including shape structure, interface definition, etc.

In addition, we also have rich experience in integrating touch Screen Display Module into components with cover plate, CH550FH01A can install touch panel according to customer requirements.

#### 3. Drawings of Sunlight Readable LCD Display

Notes:

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



#### 4. Quick Detail of 5.5 inch lcd module

\* LCM name: 5.5" Ltps Display Module 1080\*1920 Pxiel 4 lane mipi 31 Pin Tft lcd

\* Model: CH550FH01A

- \* Lcm Size.: 5.5"
- \* With touch panel or not: No
- \* Support Touch type: CTP / RTP
- \* Display Type: 5.5 inch TFT
- \* Display colors: 16M
- \* Number of Dots: 1080\*1920 dot
- \* Viewing Angle: All
- \* Driver IC: HX8399C
- \* Display mode: LTPS / Transmissive / Normally Black
- \* Module size: 7.078(W)×12.917(H)×0.17(T) cm
- \* Viewing area: 6.844(W)×12.136(H) cm
- \* TFT Active Area: 6.804(W)×12.096(H) cm
- \* Luminance: 700 nit
- \* Contrast: 800:1
- \* Support Interface Type: 4 line MIPI
- \* Pin Number: 31pins
- \* Backlight type and color: LED backlight / white
- Backlight: 14 LED

## 5. Application of thin film transistor lcd



## 6. Why Choose Us ?

1. We have a professional technical team with rich TFT-LCD work experience.
2. We have many years of experience in global customer cooperation, and we have the ability to solve the needs of most customers' personalized customized products.
3. We have advanced tft-lcd production equipment and a first-class production team, which can provide customers with high-quality products.
4. We are equipped with a professional after-sales service team, which can provide customers with a full range of after-sales services.
5. We provide a full range of products and services, including display screens and touch screens, Technical support and customization.
6. We manage strictly in accordance with the ISO9001 management system, and our products conform to Rosh Certification.



**Shenzhen ChengHao Optoelectronic Co., Ltd.**



+86 755-27806536



add@chenghaolcm.com



chenghaolcd.com

7th floor, building C5, Hengfeng Industrial City, Hangcheng street, Bao'an District, Shenzhen