



## High Definition Color LCD Display 5.5 Inch 1080x1920 LTPS TFT

### Our Product Introduction

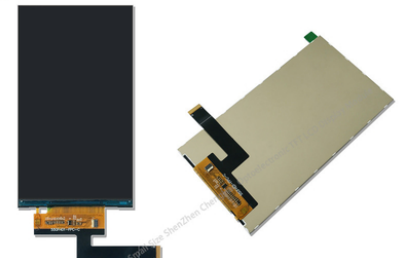
#### Basic Information

- 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: High Definition Color LCD Display
- LCD Type: 5.5" TFT
- Display Mode: LTPS
- Viewing Direction: All
- Driver IC: HX8399C
- Interface: 4lane MIPI
- Back Light: 14 White LED
- Weight: TBD G
- Highlight: 4 lane MIPI color LCD display,  
HX8399C color LCD display,  
High Definition TFT LCD Display



## Product Description

### High Definition Color LCD Display 5.5 Inch 1080x1920 LTPS TFT

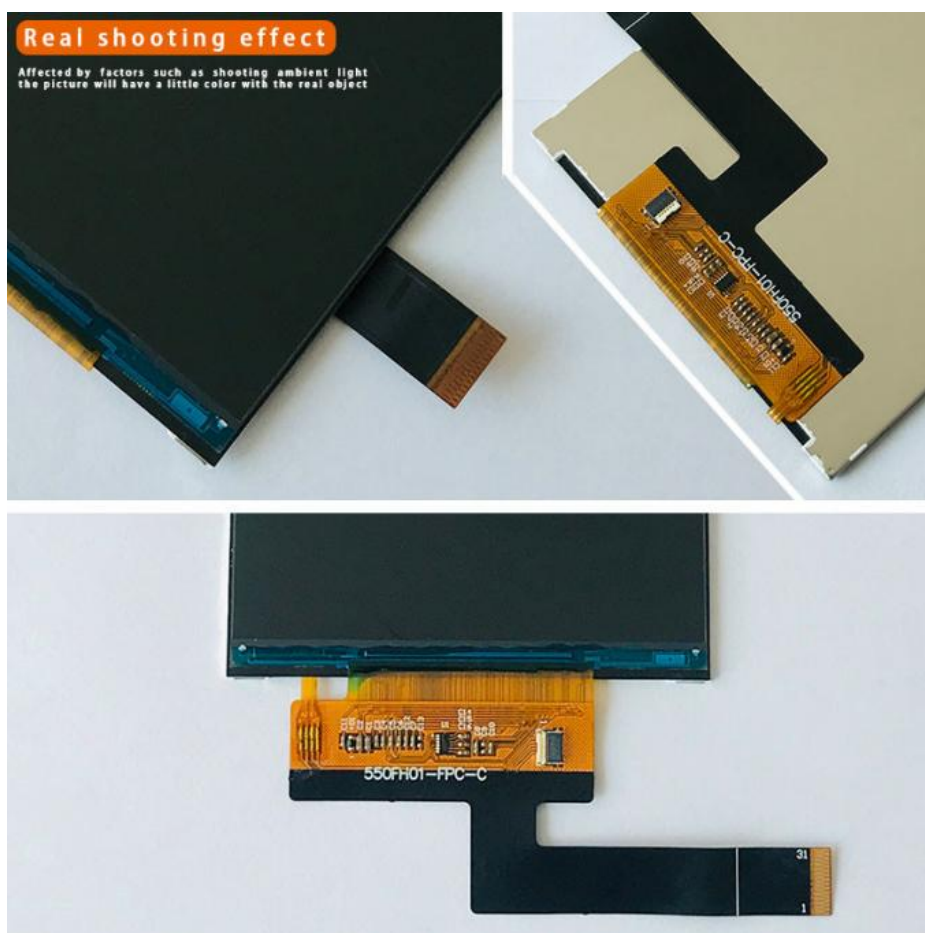
#### 1. Specification

ITEM	STANDARD VALUES	UNITS
LCD type	5.5" TFT	--
Dot arrangement	1080*1920	dots
Driver IC	HX8399C	--
Module size	70.78(W)×129.17(H)×1.7(T)	mm
Active area	68.04(W)×120.96(H)	mm
Dot pitch	63(W)×63(H)	um

#### 2. Description

Chenghao Optoelectronic CH550FH01A is a high-definition color LCD display with excellent performance. The diagonal length of the display area is 5.5 inches, the resolution is 1080 (RGB) \* 1920, and it can display high-definition video animation with 16M colors. At the same time, due to the use of LTPS display technology, the viewing angle of this display can reach 80/80/80/80, and users can clearly read the screen from any viewing angle.

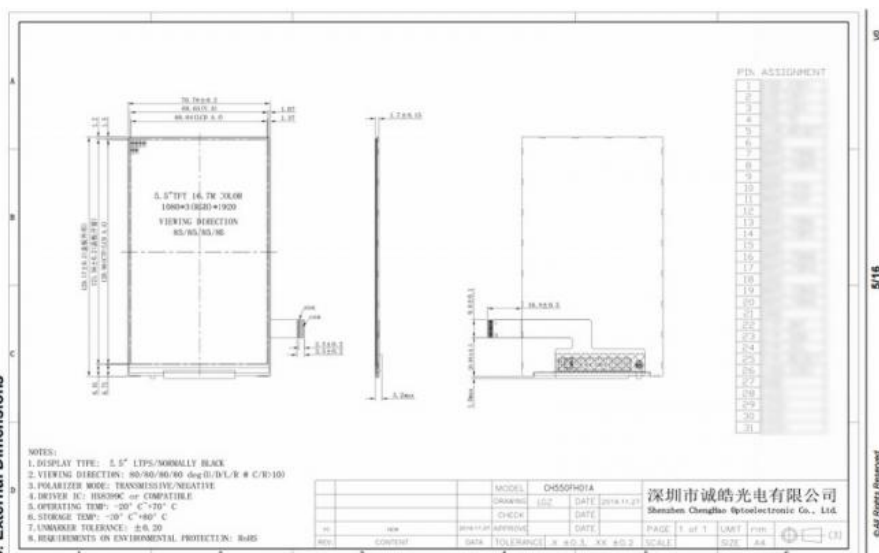
This display is a TFT lcd and uses a 4 lane MIPI interface. Its maximum brightness reaches 700 cd/m2 (Hight Brightness lcd display) and can be read in sunlight (sunlight readable lcd display). When the temperature difference is between -20~+70 °C, this high-definition color LCD screen can operate normally, and the service life can reach more than 30k Hr.



#### 3. Drawings

Notes:

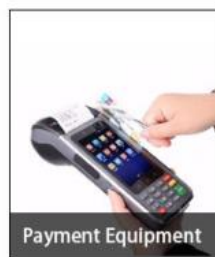
- (1) Display Type : 5.5" TFT
- (2) Viewing Direction : 80/80/80/80
- (3) Lcd Drive IC : \*\*\*\*
- (4) Operating Temp : -20~70 °C
- (5) Storage Temp : -30~80 °C
- (6) Unmarker Tolerance: ±0.20
- (7) Protection : ROHS



#### 4. Quick Detail

LCD type: 5.5" TFT  
 Dot arrangement: 1080(RGB)×1920 dots  
 Color filter array: RGB vertical stripe  
 Display mode: LTPS / Transmissive / Normally Black  
 Viewing Direction: 80/80/80/80  
 Driver IC: HX8399C  
 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) μm  
 Interface: 4lane MIPI  
 Operating temperature: -20 ~ +70 °C  
 Storage temperature: -30 ~ +80 °C  
 Back Light :14 White LED  
 Weight : TBD g

## 5. Application



## 6. FAQ

### 1. who are we?

We are based in Guangdong, China, start from 2015, sell to Domestic Market(33.00%), North America(20.00%), Western Europe(19.00%), Eastern Europe(10.00%), Southeast Asia(7.00%), Northern Europe(5.00%), Eastern Asia(3.00%), South Asia(2.00%), Oceania(0.00%). There are total about 51-100 people in our office.

### 2. how can we guarantee quality?

Always a pre-production sample before mass production;

Always final Inspection before shipment;

### 3. what can you buy from us?

Sensor Module, Display Module, Power Module, Wireless Module, PCB.

### 4. why should you buy from us not from other suppliers?

Established in 2015 shenzhen private high quantity Electronic modules, processors and microcontrollers, embedded peripheral chips, logic chips, memory, power chips, drivers, sensors, crystals and so on. Work area 1001-2000 square meters more than 100 people

### 5. what services can we provide?

Accepted Delivery Terms: FOB, CFR, CIF, EXW, FAS, CIP, FCA, CPT, DEQ, DDP, DDU, Express Delivery, DAF, DES

Accepted Payment Currency: USD, EUR, JPY, CAD, AUD, HKD, GBP, CNY, CHF;

Accepted Payment Type: T/T, L/C, D/P D/A, MoneyGram, Credit Card, PayPal, Western Union, Cash, Escrow;

Language Spoken: English, Chinese



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