



## HVGA Mini LCD Display Module All Viewing Angle 3.5 Inch 320x480 Dots IPS LCD Display

### Our Product Introduction

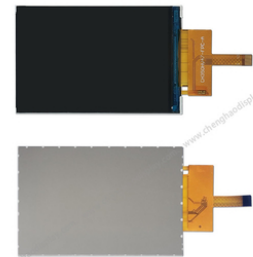
#### Basic Information

- Place of Origin: ShenZhen, China
- Brand Name: Chenghao/Oem
- Certification: ROHS ISO9001 CE
- Model Number: CH350HV47A
- Minimum Order Quantity: 100 pcs
- Price: Negotiation
- 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: HVGA Mini Lcd Display Module
- Resolution: 320x480 Dots
- Lcd Type: 3.5 Inch IPS TFT
- Life Time: 20K Hr
- Luminance: 350 Cd/m<sup>2</sup>
- Back Light: 6 White LED In Serial
- Weight: TBD G
- Highlight: HVGA Mini Lcd Display Module, SPI Mini Lcd Display Module, 320x480 dots IPS Lcd Display



## Product Description

### HVGA Mini Lcd Display Module All Viewing Angle IPS Lcd Display

#### 1. Specification

MODEL NO.	CH350HV47A
Module type	7" IPS TFT
Resolution	320*480 dots
Module size	53.16(W)×81.74(H)×2.17(T) mm
TFT Active area	48.96(W)×73.44(H) mm
TFT Dot pitch	0.153(W)×0.153(H) mm
Interface	4line 8bit SPI
Backlight Type	6 White LED in serial
Luminace	350 nits

#### 2. Description

Chenghao 320×480 tft lcd is a color active matrix thin film transistor (TFT) liquid crystal display (LCD) that uses amorphous silicon TFT as a switching device. It mainly contains an lcd panel, a driver IC, a backlight and an FPC.

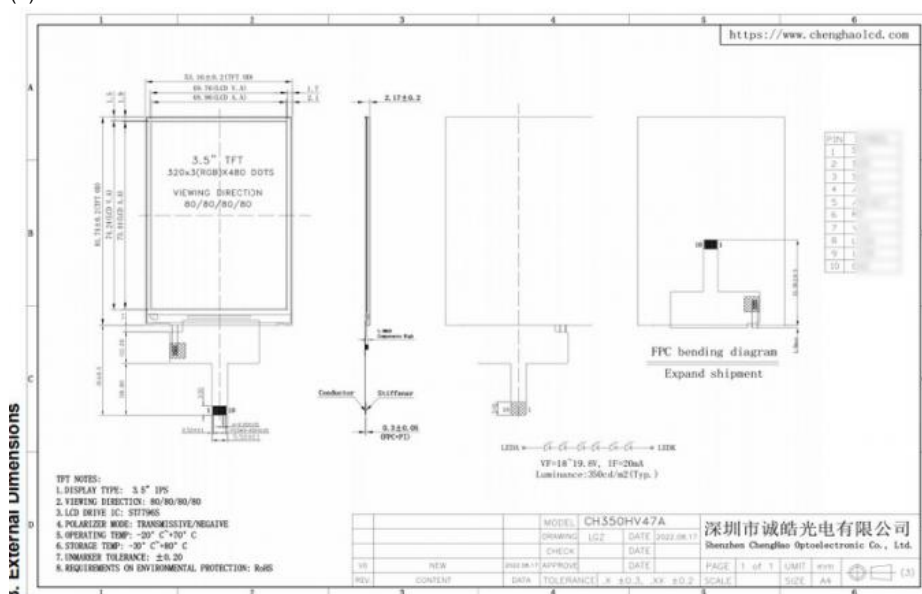
This lcd panel is of tft type and uses IPS display technology that allows users to read the screen at a viewing angle close to 80/80/80/80. Meanwhile, there is a 3.5 inch color display area of this lcd panel, which can display 320x480 pixel video images. ST7796s is used as the driver IC of this 320x480 tft lcd, which is installed on the glass panel, supports 4line 8bit SPI interface, and can display 16M colors.

If this 320x480 tft lcd can not fully meet your requirements, we can also modify some parameters for you, the modified content includes touch function installation, FPC design, interface definition, backlight brightness modification, screen surface treatment, etc.

#### 3. Drawings

Notes:

- (1) Display Type : IPS TFT
- (2) Viewing Direction : 80/80/80/80
- (3) Lcd Drive IC : ST7796S
- (4) Polarizer Mode : Transmissive/ Negative
- (5) Operating Temp : -20~70 °C
- (6) Storage Temp : -30~80 °C
- (7) Unmarker Tolerance: ±0.20
- (8) Protection : ROHS

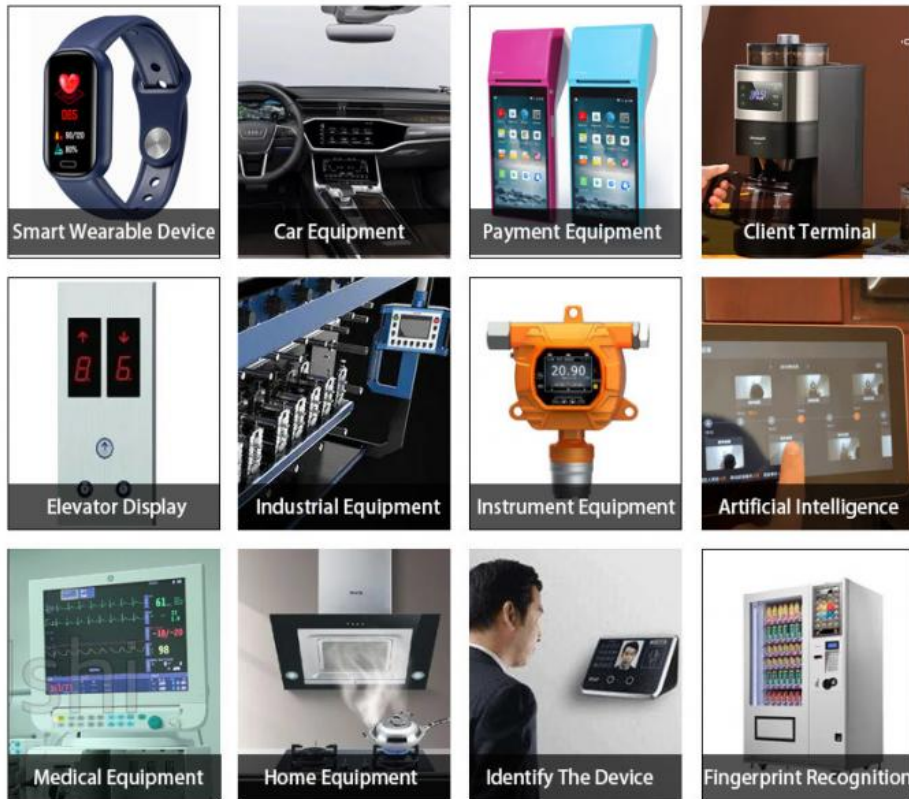


#### 4. Quick Detail

- \* LCM name: HVGA Mini Lcd Display Module
- \* Model: CH350HV47A
- \* Lcm Size.: 3.5 inch
- \* Display Type: 3.5" TFT
- \* Display colors: 262K/65K
- \* TFT Dot Pitch : 0.153(W)×0.153(H) mm
- \* Viewing Angle: All Viewing Angle
- \* Driver IC: ST7796S
- \* Display mode: IPS/transmissive/ Normally black

- \* Module size: 53.16(W)×81.74(H)×2.17(T) mm
- \* TFT Active Area: 48.96(W)×73.44(H) mm
- \* Luminance: 350 cd/m<sup>2</sup>
- \* Contrast: 800
- \* TFT Interface Type: 4 line 8bit SPI
- \* Pin Number: 10 pin
- \* Backlight type : White LED
- Backlight: 6 LED

## 5. Application



## 6. FAQ

1. Who are we?

We are based in Guangdong China, start from 2015, sell to

WesternEurope ( 35.00% )

Oceania ( 25. 00% )

North America ( 13.00% )

SouthAmerica ( 7.00% )

Southeast Asia ( 7. 00% )

Northern Europe ( 7.00% )

Southern Europe ( 4.00% )

Domestic Market ( 2. 00% ).

There are total about 30 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?

Color TFT LCD, Touch Panel Modules, Pcap & Cover Glass, Monochrome LCD, Converter Board.

4. Why should you buy from us not from other suppliers?

CHENGHAO LCD is a national high-tech enterprise which established in year 2016. We are committed to research and development, manufacturing and sales of LCD screens, touch screens and comprehensive display solutions.

5. What services can we provide?

Accepted Delivery Terms: FOB,CIF,EXW,FCA,DDP,Express Delivery;  
Accepted Payment Currency:USD,CNY;  
Accepted Payment Type: T/T,L/C,MoneyGram,Credit Card,PayPal,Western Union,Cash;  
Language Spoken:English,Chinese

If you have more question , Please contact us now, we look forward to communicating with you !



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