



## 2.8 Inch 240\*320 Resolution LCD Display Module With SPI Interface

### Our Product Introduction

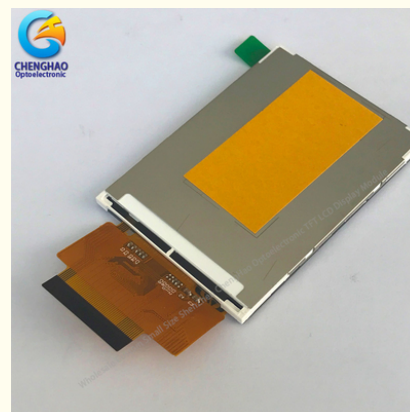
#### Basic Information

- Place of Origin: ShenZhen, China
- Brand Name: Chenghao/Oem
- Certification: ROHS ISO9001 CE
- Model Number: CH280QV22A-T
- 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: 2.8 Inch Lcd Touch Screen Module
- Module Type: 2.8" TFT
- Display Mode: IPS/Transmissive/Normally Black
- Number Of Dots: 240\*3(RGB)\*320
- Viewing Direction: ALL
- Module Size: 50.0(W)\*69.2(H)\*3.5(T)mm
- TFT Active Area: 43.2(W)\*57.6(H)mm
- Interface: "SPI MCU SPI+RGB"
- Highlight: 2.8inch LCD Display Module,  
SPI Interface LCD Display Module,  
2.8inch LCD TFT Panel



## Product Description

### 2.8 Inch 240\*320 Resolution LCD Display Module With SPI Interface

### 2.8 Inch Lcd Touch Screen Module 240\*320 Resolution Tft Panel With SPI Interface

#### 1. Specification

Product Name	2.8 Inch Lcd Touch Screen Module
MODEL NO.	CH280QV22A-T
Module type	2.8" TFT
Display Mode	IPS/Transmissive/Normally black
Number of Dots	240*3(RGB)*320
Viewing Direction	ALL
Module size	50.0(W)*69.2(H)*3.5(T)mm
TFT Active area	43.2(W)*57.6(H)mm
Interface	SPI MCU SPI+RGB
Luminance	260cd/m2

#### 2. Description

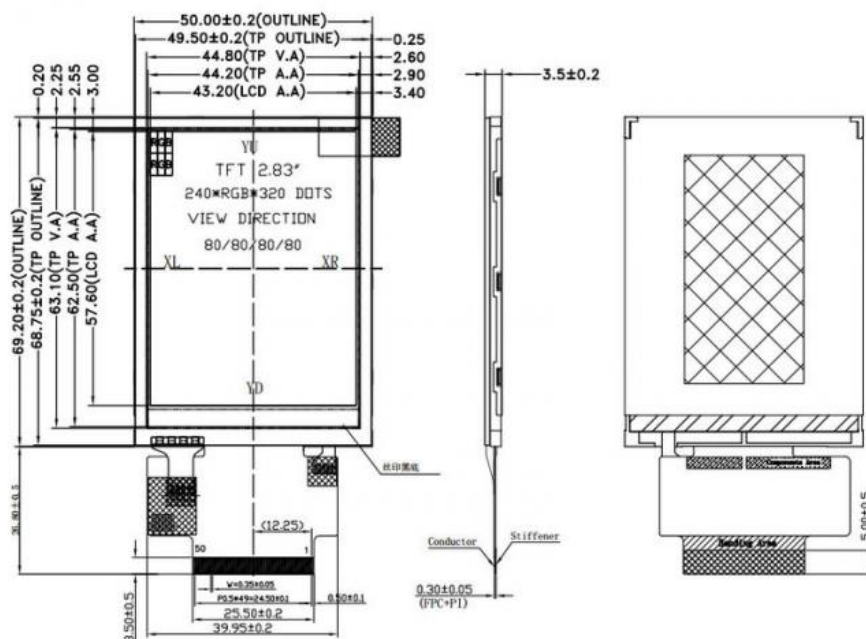
### 2.8 Inch Lcd Touch Screen Module 240\*320 Resolution Tft Panel With SPI Interface

- \* CH280QV22A-T is a Transmissive type color active matrix liquid crystal display (LCD).
- \* It is composed of a TFT LCD panel, driver IC, FPC, backlight.
- \* It is 800x480 resolution TFT LCD module.
- \* Backlight with different brightness options from 200 - 1500cd/m2 are available.
- \* Specific touch panel can be designed & customized.
- \* RoHS & REACH compliant.
- \* If you can't find a suitable one, contact us to get a recommendation.

#### 3. Drawings

Notes:

- (1) Display Type : 2.8-inch TFT
- (2) Viewing Direction : 80/80/80/80
- (3) Lcd Drive IC : ILI9341V
- (4) Polarizer Mode : Transmissive / Negative
- (5) Operating Temp : -20~70 °C
- (6) Storage Temp : -30~80 °C
- (7) Unmarker Tolerance:  $\pm 0.20$
- (8) Protection : ROHS



#### 4. Application

Products are widely used in general communications, household appliances, industrial control, medical equipment, POS machines, instruments, meters, GPS navigation, digital photo frames, netbooks, financial electronics, communication electronics, consumer electronics, information appliances, culture, education, sports and entertainment, etc. field. Such as attendance machine, fingerprint device, access control machine, stock machine, walkie-talkie, video doorbell, learning machine, point reading machine, GPS navigator, and so on.



## 5. Quick Detail

\*LCD name: 2.8 Inch Lcd Touch Screen Module 240\*320 Resolution Tft Panel With SPI Interface

\* Part No.: CH280QV22A-T

\* Size.: 2.8 inch

\* With touch panel or not: Yes

\* Touch type: Resistive

\* Display type: TFT

\* Display colors: 65K / 262K

\* Resolution (pixels): 240\*320 dots

\* Viewing direction: 80/80/80/80

\* Controller IC: ILI9341V

\* Display mode: Transmissive/ Normally Black

\* Overall size: 50.0(W)\*69.2(H)\*3.5(T)mm

\* Active Area: 43.2(W)\*57.6(H)mm

\* Luminance: 260cd/m2

\* Contrast: 800:1

\* Interface type: SPI / MCU / SPI+RGB

\* Pin NO.: 50pins

\* Pin pitch: 0.5mm

\* Connecting type: Connector type

\* Backlight type and color: LED backlight/white

## 6. FAQ

**Q1: Do you accept customization displays and touch screens?**

A: Sure, you can customization the FPC, Backlight and the touch screen.

**Q2: What type of interface is your display screen?**

A: Small sized of displays generally support SPI, MCU, RGB, MIPI. Medium sized displays generally support LVDS, MIPI, EDP. Different specifications use different interfaces.

**Q3: Do you used capacitive touch screen or resistive touch screen.**

A: We have capacitive touch screen and resistive touch screen .

**Q4: What is your sample policy?**

A: If there is stock, you can sample at any time, if there is no stock, it will take some time, and then wait for the materials to come back to sample. But the customer needs to pay the sample fee and express fee.

**Q5: How long is your lead time for mass production?**

A: It takes about 20 - 45 working days for mass production, depending on the model and order quantity.

**Q6: How to ensure long-term stable delivery?**

A: First, we will recommend products that can be delivered for a long time to customers, and second, we will have a large number of stocks in advance for a long time.

**Q7: What is your mode of payment for mass production?**

A: Generally,after receiving 50%-100% deposit from customers,they begin to prepare materials. Delivery is about 5 working days after receipt of the final payment.

**Q8: Will you inspect the goods before delivery?**

A: Yes, we'll ship the goods after 100% inspection.

**Q9: How long is your warranty period?**

A: We guarantee the quality for one year.



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



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