



2.8inch TFT LCD Touchscreen Display SPI RGB 240*320 Dots Touch Module

Our Product Introduction

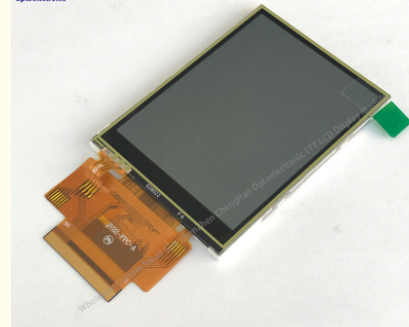
Basic Information

- 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: 2.8inch TFT LCD Touchscreen Display
- Dot Arrangement: 240*320*3(RGB) Dot
- Overall Size: 50.0(W)*69.2(H)*3.5(T)mm
- Display Area: 43.2(W)*57.6(H)mm
- Color: 65k/262k
- Display Mode: Normally Black IPS, Transmissive
- Viewing Angle: All
- Luminance: 260cd/m2
- Highlight: 2.8inch TFT LCD Touchscreen Display ,
240*320 TFT LCD Touchscreen Display ,
2.8inch LCD Display



Product Description

2.8inch TFT LCD Touchscreen Display SPI RGB 240*320 Dots Touch Module

2.8inch TFT LCD Touchscreen Display SPI + RGB Multi-Interface 240*320 Dots Touch Module

1. Specification

Product Name	2.8inch TFT LCD Touchscreen Display
Resolution	240*3(RGB)*320 dots
MODEL NO	CH280T022A-T
Size / Inch	2.8
Outline Dimension	50.0(W)*69.2(H)*3.5(T)mm
Display Area	43.2(W)*57.6(H)mm
interface	SPI + RGB
Luminance	260 cd/m2
Display Moduel	IPS/Normally black , Transmissive
Operating Temp	-20~70 °C
Storage Temp	-30~80 °C

2. Description

2.8inch TFT LCD Touchscreen Display SPI + RGB Multi-Interface 240*320 Dots Touch Module

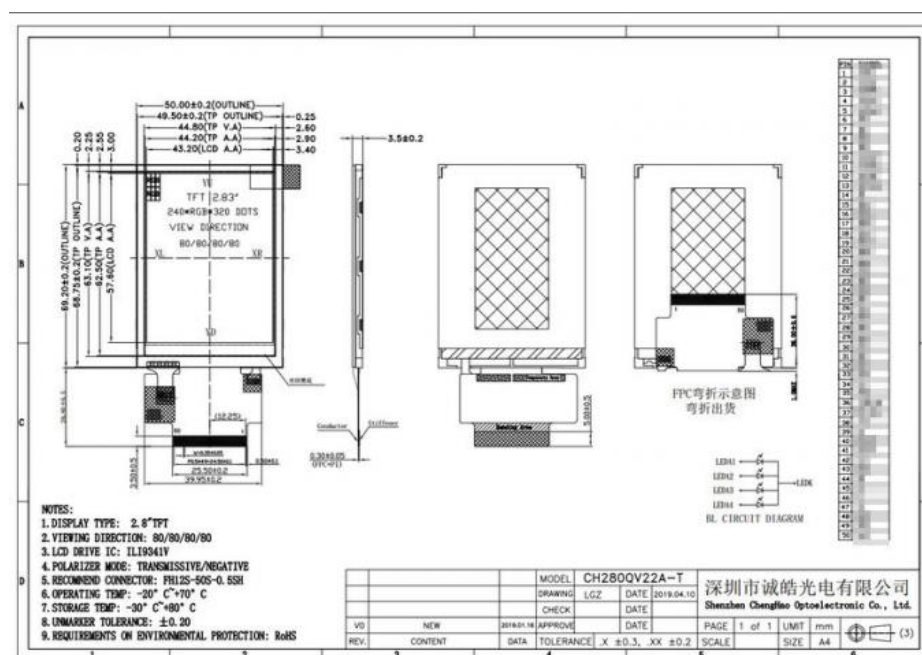
- * 2.8-inch color screen display
- * 240*320 Dots, clear display
- * Using SPI / MCU /SPI+RGB Multi-Interface
- * Provide a rich sample program
- * Military-grade process standards, long-term stable work
- * Provide underlying driver technical support
- * Long term stable production and guaranteed supply
- * Support customized service! Customizable content includes FPC/backlight brightness/installation of touch panel, etc.

There are many models for each size of our TFT LCD module. If this model cannot meet your project needs, please contact our customer service and inform your needs information. We will be very happy to recommend a module model that meets your requirements.

3. Drawings

Notes:

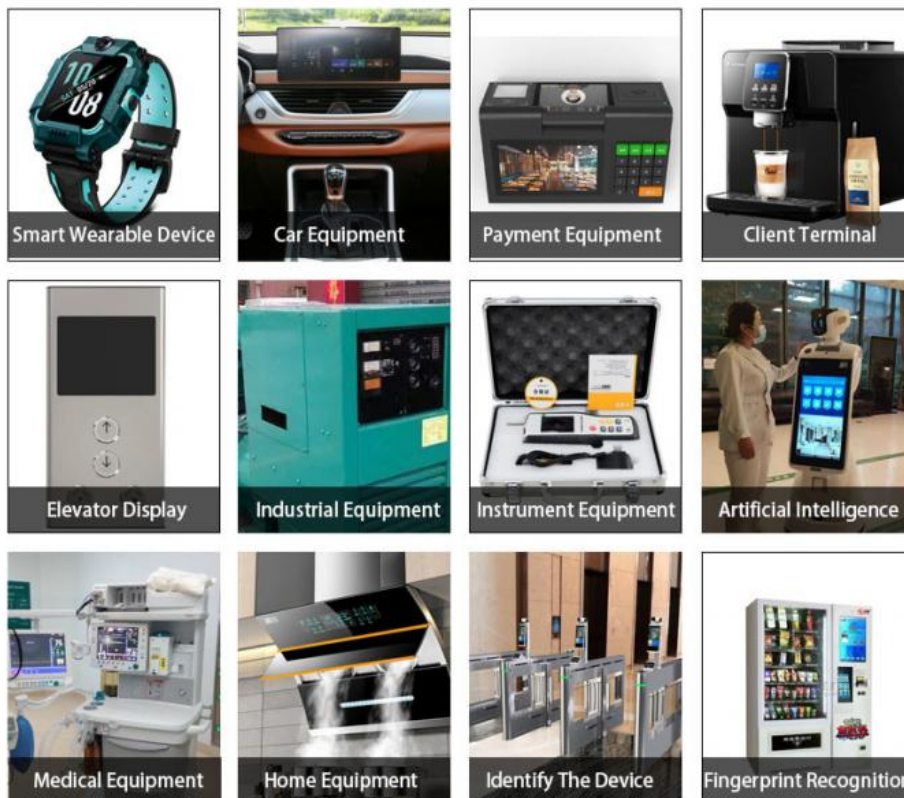
- (1) Display Type : 2.8inch TFT
- (2) Viewing Direction : All Viewing Angle
- (3) Lcd Drive IC : ILI9341V
- (4) Polarizer Mode : Transmissive / Negative
- (5) Operating Temp : -20~70 °C
- (6) Storage Temp : -30~80 °C
- (7) Unmarker Tolerance: ± 0.20
- (8) Protection : ROHS



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. Why Choose Us ?

The high quality products enable it to build a long-term relationship with world-famous enterprises in the industries

(1) Competitive Price

Own-owned factories offer lower prices and better quality assurance.

(2) Strong Technical Strength

We are a top supplier specializing in the production of color LCD screens. We have a technical team with rich experience in product research and development, and can provide customers with professional technical support and customized consulting services at any time, which is very important for cooperative customers with special project needs.

(3) Long-term Partner

Products are sold to more than 40 countries, so from Chenghao Optoelectronic you can get more stable supplying promise;

(4) Professional Service

We have a professional after-sales team that can provide you with after-sales consulting services 24 hours a day. At the same time, if you encounter any problems in the process of using our products, you can give us feedback, and our technical engineers will provide you with online remote consulting services at any time.

(5) Quality to be ensure

All panels are 100% brand new, without false panels; All packages have labels and serial numbers for easy viewing by customers;

6. Quick Detail

*LCD name: 2.8 Inch Lcd Touch Screen Module 240*30 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

7. 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.



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