



## IPS LCD Touch Screen Monitor 2.4 Inch 240x320 All Viewing Direction TFT LCD Module

### Our Product Introduction

#### Basic Information

- Place of Origin: ShenZhen, China
- Brand Name: Chenghao/Oem
- Certification: ROHS ISO9001 CE
- Model Number: CH240QV52A-CTB
- 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: Lcd Touch Screen Monitor
- Module Type: 2.4"TFT + CTP
- Display Mode: IPS / Transmissive / Normally Black
- Number Of Dots: 240\*3(RGB)\*320
- Viewing Direction: ALL
- Module Size: 52.72(W)\*70.26(H)\*4.0(T)mm
- TFT Active Area: 36.72(W)\*48.96(H)mm
- Highlight: IPS 2.4" LCD Touch Screen Monitor , 240x320 LCD Touch Screen Monitor, Transmissive TFT LCD Module



#### More Images



## Product Description

### IPS Lcd Touch Screen Monitor 2.4 Inch 240x320 All Viewing Direction TFT Lcd Module

#### 1. Specification of Thin Lcd Display

MODEL NO.	CH240QV52A-CTB
Module type	2.4"TFT + CTP
Display Mode	IPS / Transmissive / Normally Black
Number of Dots	240*3(RGB)*320
Viewing Direction	ALL
Module size	52.72(W)*70.26(H)*4.0(T)mm
TFT Active area	36.72(W)*48.96(H)mm
Interface	SPI,MCU,SPI+RGB
Luminance	300cd/m2

#### 2. Description of Color Lcd Display

ChengHao Display model CH240QV52A-CTB is a color active matrix thin film transistor (TFT) liquid crystal display (LCD) that uses amorphous silicon TFT as a switching device. This model is composed of a TFT LCD panel, a driving IC, a back-light, a capacitive touch panel and FPC.

This TFT LCD has a 2.4 (portrait) inch diagonally measured active display area with 240\*320 dots resolution, while using ST7789 mounted on glass as control IC. TFT Lcd Module uses SPI / MCU / SPI + RGB multiple interfaces, It can display 262k / 65K colors. In addition, the module has a capacitive touch panel with I2C interface, which supports multi-touch.

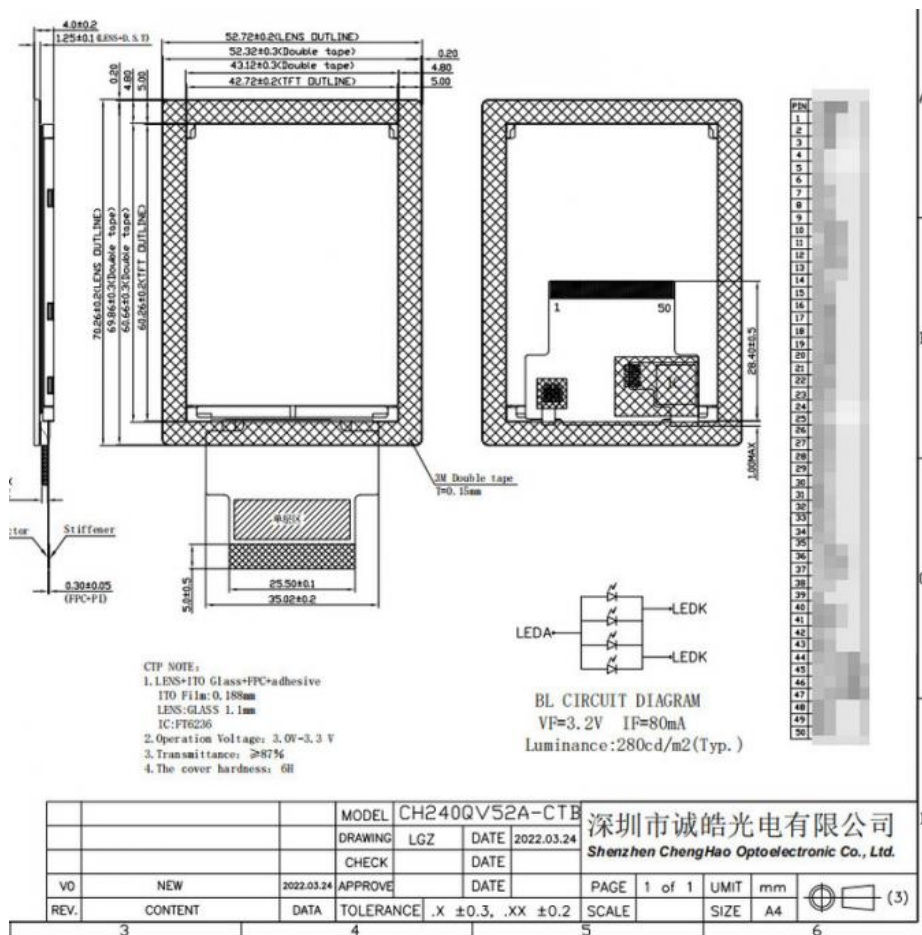
In addition, FPC can also be customized according to customer requirements, such as modifying back-light and CTP structure, interface definition, etc.

RoHS Compliance & Halogen Free.

#### 3. Drawings of IPS Display Screen

Notes:

- (1) Display Type : 2.4 inch Tft + CTP
- (2) Viewing Direction : All
- (3) Lcd Drive IC : ST7789
- (4) Polarizer Mode : IPS / Transmission / Normally Black
- (5) Operating Temp : -20~70 °C
- (6) Storage Temp : -30~80 °C
- (7) Unmarker Tolerance:  $\pm 0.20$
- (8) Protection : ROHS



#### 4. Application of IPS Capacitive Touchscreen

Telecommunication Devices : Telephone, interphone, watch, tablet PC, radio, etc  
 Consumer Products : Camera, DVD player, toy, Cell Phone, game player, etc  
 Technical Equipment : Elevator controller, Industrial machine, etc  
 Office Automation : Printer, scanner, attendance machine, fax machine, etc  
 Home Appliances : Air-condition display, refrigerator, electric cooker, video doorbell, etc  
 Automobile : GPS, video player, speedometer, audio broadcast, etc  
 IT Products : Camera, handheld digital video, projector, media play, tablet PC, etc  
 Medical Equipment : Ultrasound machine, therapeutic equipment Blood pressure meter, etc



#### 5. 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.**



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