



Square TFT LCD Capacitive Touchscreen 320X320 24 Pin With ST7796 IC

Our Product Introduction

Basic Information

- Place of Origin: ShenZhen, China
- Brand Name: Chenghao/Oem
- Certification: ROHS ISO9001 CE
- Model Number: CH154HV05A-CT
- 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: TFT LCD Capacitive Touchscreen
- Resolution: 320x320
- Operating Temperature: -20 ~ +70 °C
- Storage Temperature: -30 ~ +80 °C
- Back Light: 3 White LED
- Weight: TBD G
- Display Mode: IPS
- Highlight: Square TFT LCD Capacitive Touchscreen, ST7796 IC TFT LCD Capacitive Touchscreen, TFT LCD IPS Capacitive Touchscreen



Product Description

Square TFT LCD Capacitive Touchscreen 320*320 With ST7796 IC

1. Specification

Part No.	CH154HV05A-CT
Size	1.54 inch
Resolution	320*320
Outline Dimension	40.2(W)×40.5(H)×4.1(T) mm
Active Area	27.744(W)×27.744(H) mm
Interface	4-lines_8bit SPI
IC	ST7796
FPC	24 PIN
Working temperature	-20°C ~ 70°C
Storage temperature	-20°C ~ 70°C
Delivery Time	10 days

2. Description

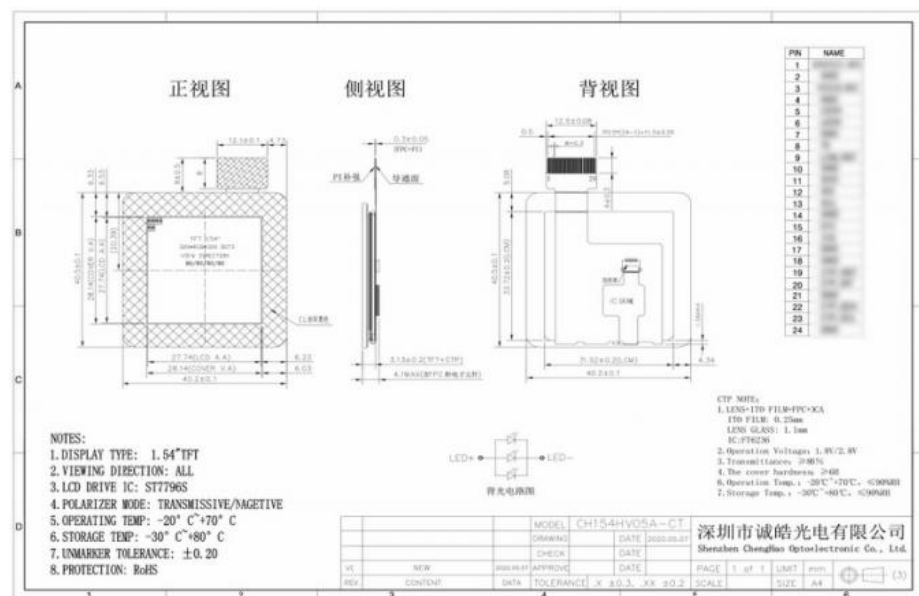
Chenghao mini touch display (CH154HV0A-CT) is a small size color touch LCD display with a display area of 1.54 inch diagonal length, a resolution of 320*320 dot, and supports 4-lines_8bit SPI interface. This 320x320 tft lcd is not only an IPS full viewing angle display (80/80/80/80), but also a wide temperature display (-20~+70°C).

If this small-sized color LCD screen cannot fully meet your project needs, we can also modify some parameters of this color LCD screen according to your project needs. The content that can be modified includes the shape structure of the FPC, interface definition, Backlight brightness, screen surface treatment, logo printin

3. Drawings

Notes:

- (1) Display Type : 1.54 inch TFT+TP
- (2) Viewing Direction : 80/80/80/80
- (3) Lcd Drive IC : ST7796
- (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: Square TFT LCD Capacitive Touchscreen
- * Model: CH154HV05A-CT
- * Lcm Size.: 1.54 inch
- * Touch type: Capacitive touch panel
- * Display Type: 1.54" TFT+CTP
- * Display colors: 262K/65K
- * Number of Dots: 320x320
- * TFT Dot Pitch : 0.0867(W)×0.0867(H) mm
- * Viewing Angle: 80/80/80/80
- * Driver IC: ST7796

- * Display mode: IPS/ Transmission/ Normally Black
- * Module size: 40.2(W)×40.5(H)×4.1(T) mm
- * TFT Active Area: 27.744(W)×27.744(H) mm
- * Luminance: 400 nit
- * Contrast: 800:1
- * TFT Interface Type: 4-line_8bit SPI
- * TP Interface Type: I2C
- * Pin Number: 24 pins
- * Backlight type and color: LED backlight/white
- Backlight: 6 LED

5. Application



6. FAQ

Q:Payment methods?

T/T, Paypal and Western union etc.

For samples: payment in advance.

For mass production: 50% deposit and 50% balance before shipment.

Q: What is the lead time of the products?

A:Samples in stock will be sent within 3 days after payment.

Two to Four weeks for mass production

Q:How long is the warranty period?

A:Generally the warranty period is one year. It depends on different products.

Q:What is the Product MOQ?

A:Different product has the different MOQ, please contact us sales for detailed information.

Q: What's your after-sale service?

A: If any problems, you will get our reply within 24 hours. Solution will be offered instantly by our professional technical team.

Q:Can you provide OEM service?

A:yes, we can provide both OEM and ODM service,can customize products according to the drawings you supply

Q: How can I trust your product quality?

A:The company has advanced the incoming inspection, on-line test and reliability test equipment and system, the company products through the ROHS,CE testing



Shenzhen ChengHao Optoelectronic Co., Ltd.



+86 755-27806536



add@chenghaolcm.com



chenghaolcd.com

7th floor, building C5, Hengfeng Industrial City, Hangcheng street, Bao'an District, Shenzhen