

RGB 320x320 Small LCD Touch Screen 1.54 Inch With 4 Line 8 Bit SPI Interface

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:

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: Small LCD Touch Screen

LCD Type: 1.54"TFT + CTP
Dot Arrangement: 320(RGB)×320
Color Filter Array: RGB Vertical Stripe

• Display Mode: IPS / Transmissive / Normally Black

Viewing Direction: 80/80/80/80Driver IC: ST7796S

• Highlight: 320x320 RGB Small LCD Touch Screen,

Small LCD Touch Screen 1.54 Inch, SPI Small LCD Touch Screen



Product Description

320x320 Small LCD Touch Screen 1.54 Inch With 4 Line 8 Bit SPI Interface

1. Specification of wvga ips tft lcd

| Lcd Type: | TFT+CTP |
|------------------------|-------------|
| Viewing Direction: | 80/80/80/80 |
| Display Mode | IPS |
| Operating temperature: | 30°C~80°C |
| Storage temperature: | 30°C~80°C |
| Driver IC: | ST7796 |
| Interface type: | RGB |
| Brightness: | 400 CD/ |

2. Description of 480x800 ips tft lcd

Chenghao Small Touch Sreen (CH154HV0A-CT) is a 1.54 inch color TFT Lcd with capacitive touch panel, using 4-lines_8bit SPI interface, it can display 262K/65K colors. This 1.54" touch screen can display 320x320 resolution images, and thanks to the use of IPS display technology, this color LCD screen supports 80/80/80/80 full viewing angles.

CH54HV0A-CT is also a wide temperature display, which can work in an environment with a temperature in the range of -20~+70 °C, and can be stored in an environment with a temperature in the range of -30~+80 °C.

If CH154HV05A-CT does not meet your requirements, we can also provide you with more similar small-sized LCD screens, and you can obtain relevant information by consulting our customer service.

Contact Us to get the Detailed Datasheet

3. Quick Detail

* MODEL NO. :CH154HV05A-CT * Module type: 1.54 inch TFT+CTP

* Display shape: Square Screen

* Display Mode: IPS

* Number of Dots: 320*320

* Module size: 40.2(W)×40.5(H)×4.1(T) mm * TFT Active area: 27.744(W) ×27.744(H) mm * Dot pitch: 0.0867(W)×0. 0867(H) mm

* TFT Interface: 4-lines_8bit SPI

* CTP interface: I2C * CTP IC: FT6236 * Color: 262K/65K * Contrast : 800:1

* VIEWING DIRECTION: 80/80/80/80(U/D/L/R @ CR>10)

* LCD DRIVE IC: ST7796S

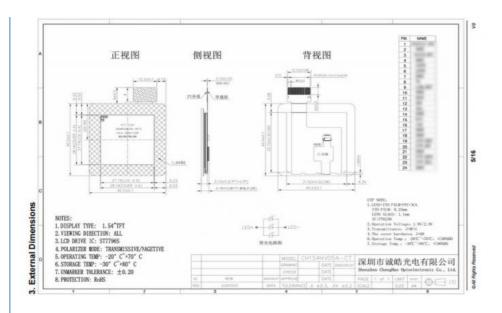
* POLARIZER MODE: TRANSMISSIVE/NEGATIVE

* OPERATING TEMP: -20°C~+70°C * STORAGE TEMP: -30°C~+80°C * UNMARKER TOLERANCE: ±0.20

* TFT FPC Number: 24pin * Back light Type: 3 White LED * Life Time: 20000 Hr

* Luminance: 400 cd/m2

4. Drawings



5. Application



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.



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