



## 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: 80/80/80/80
- Driver 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

[Please Click Here](#)

### 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





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