

Industrial 240x320 Pixels IPS TFT LCD Display 2.4 Inch With Touch Screen

Basic Information

• Place of Origin: China Shenzhen

• Brand Name: Chenghao Optoelectronic

RoHS CE FCC · Certification:

CH240QV52A-CTD • Model Number:

• Minimum Order

Quantity:

100 pcs

· 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: 3~7 Days

• Payment Terms: TT

• Supply Ability: 300K pcs/month





Product Specification

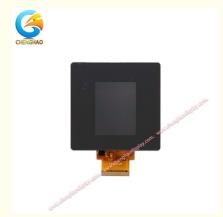
Product Name: 2.4 Inch Industrial LCD SPI + RGB + MCU Lcd Interface:

• Touch Panel Interface: I2C

· Resolution: 240*320 Dots • Viewing Direction: 80/80/80/80 • Storage Temperature: -30 ~ +80°C • Operating Temperature: -20 ~ +70°C 280 Cd/m2 • Luminance: • Touch Type: Capacitive

• Highlight: 240x320 Pixels IPS TFT LCD,

> Touch Screen TFT LCD Display, TFT LCD Display 2.4 Inch



More Images







Product Description

Product Description:

Chenghao Optoelectronic's CH240QV52A-CTD LCD Touch Screen

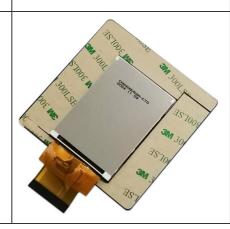


The CH240QV52A-CTD is a small LCD touch screen that has been specifically developed by Chenghao Optoelectronic for use in 86 boxes. The display has a 2.4-inch active area and is capable of displaying color images at a resolution of 240 x 320 pixels.

One of the key features of this LCD touch screen is its ability to communicate with external devices via a range of different interfaces, including SPI, MCU and RGB. Additionally, it supports a generous viewing angle of 80 degrees in all directions, making it highly versatile for a range of different applications.

In terms of its physical characteristics, the CH240QV52A-CTD is equipped with a 1.1mm thick capacitive touch glass cover that allows for screen touch sensing. The display's IIC interface ensures that it can communicate seamlessly with other devices in a wide range of different applications.

Designed to operate stably in even the most demanding environments, this LCD touch screen has a service life of up to 30,000 hours and can operate in temperatures ranging from -20 to +70 degrees Celsius. It is also fully RoHS compliant and free from any halogen-based materials.



Features:

CH240QV52A-CTD is a small-size LCD touch screen module specifically designed for home appliances, and it offers a variety of features to provide the best user experience.

(1) Customized appearance - square touch glass cover

To ensure a seamless and perfect fit, Chenghao Optoelectronic designed a black glass cover with a thickness of 1.1 mm based on the equipment parameters provided by the customer. This square touch glass cover can perfectly fit on the customer's 86-box device.

(2) Support wide temperature environment

This LCD touch screen module has a wide temperature design that allows it to operate stably in a wide temperature range of -20°C ~ +70°C, making it ideal for use in environments with a large temperature difference between day and night.

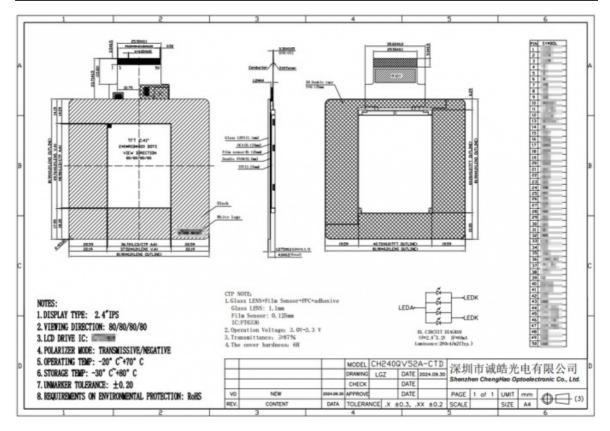
(3) Support screen touch sensing

To meet the customer's need for human-computer interaction, a capacitive touch sensing panel was installed on this display module. The touch panel can communicate and interconnect with the customer's 86-box device through the I2C interface.

Technical Parameters:

Lcd Interface	SPI + RGB + MCU
Viewing Direction	80/80/80
Operating Temperature	-20 ~ +70°C

Resolution	240*320 Dots
Touch Type	Capacitive
Luminance	280 Cd/m2
Display Mode	IPS / Transmissive / Normally Black
Touch Panel Interface	I2C
Storage Temperature	-30 ~ +80°C



Applications:

The CH240QV52A-CTD is an LCD touch screen display module that is primarily designed for home appliances. However, Chenghao Optoelectronic manufacturers can modify and customize some of its performance parameters and touch glass cover, making it suitable for use in various industries.

Due to its versatility, the CH240QV52A-CTD can be used in many application areas, including but not limited to, industrial equipment, instrumentation, medical equipment, artificial intelligence, Internet of Things equipment, and automotive equipment.

With its customizable features, the CH240QV52A-CTD can be used to enhance the performance of different products across several industries.

Examples of Application Areas

Industrial Equipment: The CH240QV52A-CTD can be used to display information on industrial equipment, making it easier to monitor performance and maintenance.

Medical Equipment: This display module can be integrated with medical equipment to provide a clear visual of patients' vital signs or information like medical images and recordings.

Artificial Intelligence: The CH240QV52A-CTD can act as an interface for artificial intelligence devices, giving users a seamless experience in communicating with these devices.

Internet of Things (IoT) Equipment: This display module can provide a user-friendly interface for various IoT devices used at home or in the office, thus enhancing their functionality.

Automotive Equipment: The CH240QV52A-CTD can be used as a digital dashboard for cars, displaying different information that drivers need to operate the vehicle, like speed, fuel level, and more.

In conclusion, the CH240QV52A-CTD is a versatile LCD touch screen display module that can be customized to suit different industrial needs, thanks to Chenghao Optoelectronic manufacturers' customizations and modifications.

FAQ:

- Q: What is the brand name of this product?
- A: The brand name of this product is Chenghao Optoelectronic.
- Q: What is the model number of this product?
- A: The model number of this product is CH240QV52A-CTD.
- Q: Where is this product manufactured?
- A: This product is manufactured in China Shenzhen.
- Q: What certifications does this product have?
- A: This product has RoHS, CE, and FCC certifications
- Q: What is the minimum order quantity for this product?

A: The minimum order quantity for this product is 100 pcs.

Q: How is this product packaged?

A: All the products are packed in the right way to keep them 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.

Q: What is the delivery time for this product?

A: The delivery time for this product is 3~7 days.

Q: What are the payment terms for this product?

A: The payment terms for this product are TT.

Q: What is the supply ability for this product?

A: The supply ability for this product is 300K pcs/month.



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