

7 Inch Liquid Crystal Display Screen 1024x600 Pixels With High Sensitivity Capacitive Touch

Our Product Introduction

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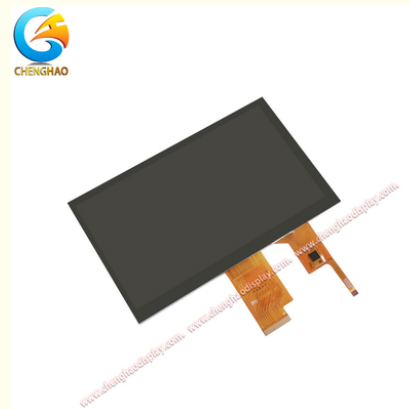
Basic Information

- Brand Name: Chenghao Optoelectronic
- Certification: CE、RoHS、FCC
- Model Number: CH700WS02A-CTA
- 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 Or Others
- Supply Ability: 50000000 Pcs/month



Product Specification

- Contrast: 80/80/80/80
- Display Mode: IPS/Transmissive/Normally Black
- Display Type: 7" TFT + CTP
- Color: 16 M
- Viewing Area Size: 155.08*86.92 Mm
- Viewing Direction: 80/80/80/80
- Module Size: 164.9*100*5.287 Mm
- Number Of Dots: 1024*3(RGB)*600
- Highlight: 7 inch LCD display screen, high sensitivity capacitive touch screen, 1024x600 resolution LCD module



More Images



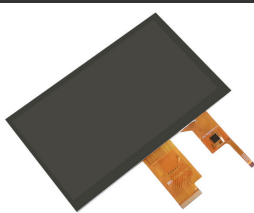


Product Description

Product Description:

The CH700WS02A-CTA is a high-performance 7-inch TFT LCD display module designed to meet the diverse needs of various applications. Manufactured by Chenghao Optoelectronic, this module features a resolution of 1024x600 pixels, providing clear and vibrant visuals that are essential for modern display requirements. With an IPS display mode, it ensures wide viewing angles of 80 degrees in all directions, making it ideal for installations where multiple viewers may be present.

The module has a compact size of 164.9 mm x 100 mm x 5.28 mm and a viewing area of 155.08 mm x 86.92 mm, which is ideal for integration into space-constrained environments such as industrial control panels, medical equipment and smart home applications. The display backlight brightness is a standard brightness of 300 cd/m², which can meet the basic needs of normal use in indoor environments, while the display capability of 16 million colors enhances the richness of the displayed content.



Equipped with a capacitive touch panel, the CH700WS02A-CTA supports intuitive user interaction, making it perfect for applications that require touch input. The touch panel operates at a voltage range of 2.8V to 3.3V and features a high transmittance of over 87%, ensuring that touch sensitivity is maintained without compromising display quality.

Features:

Display Size: The module features a compact 7-inch display, making it suitable for a variety of space-constrained applications.

Resolution: With a resolution of up to 1024x600 pixels, the display provides sharp images and enhanced visual clarity.

IPS Technology: With IPS (In-Plane Switching) technology, the display provides a wide 80-degree viewing angle in all directions, ensuring consistent color and contrast from different angles.

Brightness: The module has a brightness of 300 cd/m², which can meet normal usage requirements in indoor environments.

Color Depth: With a color capability of 16 million colors, the module provides vivid and rich visual effects, making it ideal for applications that require high-quality images.

Touch Screen: The CH700WS02A-CTA is equipped with a capacitive touch screen for intuitive user interaction and fast response.

Touch Screen Specifications: The touch screen operates in the voltage range of 2.8V to 3.3V, with a transmittance of up to ≥87%, ensuring effective touch sensitivity without compromising display performance.

Operating Temperature: The module can operate effectively in a wide temperature range of -20 to +70 degrees Celsius, suitable for a variety of environmental conditions.

Technical Parameters:

Contrast	80/80/80/80
Display Mode	IPS/Transmissive/Normally Black
Module Size	164.9*100*5.287 mm
Number of Dots	1024*3(RGB)*600
Color	16 M
Active Area Size	154.21*85.92 mm
Storage Temperature	-30 ~ +80
Display Type	7" TFT + CTP
Viewing Direction	80/80/80/80

FAQ:

Q: What is the brand name of the LCD Display Module?

A: The brand name of the LCD Display Module is Chenghao Optoelectronic.

Q: What is the model number of the LCD Display Module?

A: The model number of the LCD Display Module is CH700WS02A-CTA.

Q: What certifications does the LCD Display Module have?

A: The LCD Display Module is certified with CE, RoHS, and FCC.

Q: What is the minimum order quantity for the LCD Display Module?

A: The minimum order quantity for the LCD Display Module is 100 pieces.

Q: What are the packaging details for the LCD Display Module?

A: All the products are packed in the right way to keep them safe. For small sizes of products, we use tray + carton, and for bigger sizes, we use foam slot + carton. We also design packages according to customers' requirements.



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