

Sunlight Readable Lcd Display 40 Pins 7 Inch IPS TFT Screen with Capacitive Touch

Our Product Introduction

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Basic Information

- Brand Name: Chenghao Optoelectronic
- Certification: CE、RoHS、FCC
- Model Number: CH700WS17F-CTG
- 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

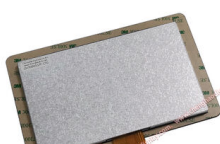


Product Specification

- Lcd Interface: RGB (HDMI/SPI/MCU/RGB/LVDS/MIPI... (Optional))
- Module Type: 7" IPS TFT + CTP
- Warranty: 13 Months
- FPC Pin Number: 40 Pins (Supports Custom Design Of Shape/structure, Etc.)
- Viewing Area Size: 154.81x86.52 Mm
- Contrast: 800:1
- Storage Temperature: -30 - +80 (-40 - +90 Optional)
- Active Area Size: 154.21x85.92 Mm
- Highlight: 7 inch IPS TFT LCD display , sunlight readable LCD screen, capacitive touch TFT display



More Images





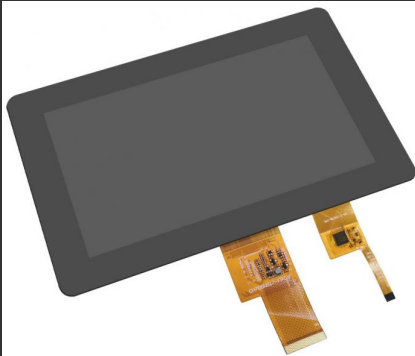
Product Description

Product Description:

The CH700WS17F-CTG is a high-performance 7-inch IPS TFT-LCD display module meticulously designed to meet the demands of various applications across multiple industries. With a compact dimension of 190x121x8.35 mm, this display module is engineered for seamless integration, making it an excellent choice for devices where space is limited.

Equipped with a resolution of 1024x600 pixels, the CH700WS17F-CTG delivers exceptionally clear and vibrant visuals, enhancing user experience whether it is used in an industrial control system or consumer electronics. The IPS technology enables a wide viewing angle of 80 degrees in all directions, ensuring consistent color and brightness regardless of the viewer's position. This feature is vital for collaborative environments or applications where the screen may be viewed from multiple angles.

The display module features a capacitive touch panel, utilizing the GT911 touchscreen controller for enhanced sensitivity and accuracy. This touch technology allows for smooth interaction, making it perfect for applications that require user input, such as kiosks and touch-based interfaces in smart home systems.



Designed to operate effectively in a temperature range of -20 to +70 degrees Celsius, the CH700WS17F-CTG is suitable for both indoor and outdoor settings. This broad operating temperature range ensures that the module performs reliably in various environments, from harsh industrial conditions to everyday consumer use.

Furthermore, it utilizes an RGB interface for easy connectivity with a variety of systems. This interface supports rapid data transfer which is crucial for applications requiring real-time updates, making it ideal for digital signage and other dynamic settings.

In summary, the CH700WS17F-CTG combines robust performance with flexible features, including its compact size, high resolution, wide viewing angles, responsive touch capabilities, and adaptable interfaces. These attributes make it a premier choice for manufacturers and developers seeking a versatile display solution for diverse applications.

Features:

Product Name: LCD Display Module

Viewing Area Size: 154.81x86.52 mm for clear and vibrant visuals

Viewing Direction: 80/80/80/80 ensuring consistent image quality from multiple angles

Active Area Size: 154.21x85.92 mm providing an expansive display area

Glass Cover Thickness: 1.8 mm with support for customized designs in thickness, shape, and more

LCD Interface: RGB with optional interfaces including HDMI, SPI, MCU, RGB, LVDS, MIPI, and others

Manufactured by a reliable custom LCD manufacturer specializing in Thin Film Transistor Display Modules

High-quality Thin Film Transistor Display Module technology for enhanced performance and durability

Ideal Lcd Display Module for various applications requiring customizable display solutions

Technical Parameters:

Backlight Brightness	1000cd/m ² (300~1500 Optional)
LCD Interface	RGB (HDMI/SPI/MCU/RGB/LVDS/MIPI... Optional)
FPC Pin Number	40 Pins (Supports Custom Design Of Shape/structure, Etc.)
Number of Dots	1024x600 Dots
Viewing Direction	80/80/80/80
Active Area Size	154.21x85.92 mm

FAQ:

Q1: What is the brand and model number of this LCD Display Module?

A1: The LCD Display Module is from the brand Chenghao Optoelectronic, and the model number is CH700WS17F-CTG.

Q2: Does this product have any certifications?

A2: Yes, the CH700WS17F-CTG LCD Display Module is certified with CE, RoHS, and FCC.

Q3: What is the minimum order quantity for this LCD Display Module?

A3: The minimum order quantity for this product is 100 pieces.

Q4: How is the product packaged for shipment?

A4: All products are packed properly to ensure safety during shipment. For small-sized products, tray plus carton packaging is used; for larger sizes, foam slot plus carton is used. We also offer customized packaging according to customers' requirements.

Q5: What is the typical delivery time and payment terms?

A5: The delivery time is typically between 3 to 7 days. Payment terms accepted include TT (Telegraphic Transfer) or other agreed methods.

Q6: What is the supply capacity of Chenghao Optoelectronic for this LCD Display Module?

A6: Chenghao Optoelectronic has a supply ability of up to 50,000,000 pieces per month for the CH700WS17F-CTG model.



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