

LVDS Interface Color Display Module 10.1" 1280*800 Dots With CTP

Basic Information

• Place of Origin: China Shenzhen

Brand Name: Chenghao Optoelectronic

Certification: CE \ RoHS \ FCCModel Number: CH101WX05A-CTD

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 DaysPayment Terms: TT or Others

• Supply Ability: 20000000 pcs/month





Product Specification

Product Name: Color Display Module
Active Area: 216.576*135.36 Mm

• CTP IC: GT911

Brightness: 700 Cd/m2 (optional)
Backlight Type: 27 Pcs White LED
Viewing Angle: 80/80/80

Operating Temperature: -20 ~ +70
Screen Size: 10.1 Inch
Contrast Ratio: 800:1

• Highlight: LVDS Interface Color Display Module,

Color Display Module with CTP



More Images



Product Description

Product Description:

CH101WX05A-CTD is a Color Display Module that integrates thin film transistor (TFT) and capacitive touch technology. It has a color display area of 1280x800 pixels, 700 cd/m2 Luminance, 800 high contrast and 16M colors, making the display display clear and Bright pictures or videos. Thanks to the use of IPS display technology, this monitor also supports free viewing angles. Users can obtain good viewing angle effects when viewing the screen from different angles, which greatly increases the user experience.

The touch panel installed on the surface of the module uses an I2C interface, which is the foundation for CH101WX05A-CTD to support human-computer interaction and provide customers with a sensitive multi-touch experience.

CH101WX05A-CTD is a highly cost-effective Touchscreen LCD module, ideal for industrial control, medical equipment, automotive and other applications.

Module No	CH101WX05A-CTD
Display Mode	Transmissive/Normally Black/IPS
Resolution	1280x800 dots
Viewing Angle	Free Viewing Angle
Operating Temperature	-20 ~ +70
Color	16.7M
Luminance	700 nits
Storage Temp	-30~+80
Operating Temp	-20~+70
Module Interface	LVDS (optional RGB/MCU/SPI/MIPI/HDMI)
Touch Type	СТР
Touch Interface	I2C

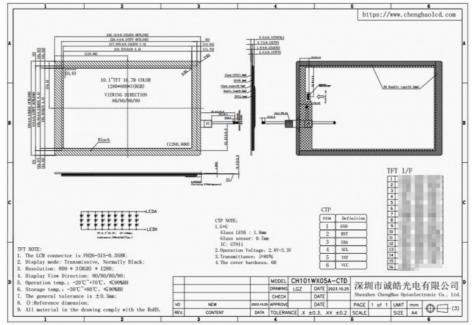
Customization:

As a professional LCD manufacturer, Chenghao Optoelectronic is committed to providing customers with customized products and services. Our engineering team has rich experience and professional knowledge, and can carry out personalized design and customization based on CH101WX05A-CTD according to the customer's project requirements.

For CH101WX05A-CTD, we provide the following customization options:

FPC shape customization: According to customer needs, we can modify the FPC shape, including structure and shape. This ensures a perfect match between the display module and customer equipment, improving overall performance and reliability.

Diversified interface selection: We provide a variety of interface types, including SPI, MCU, RGB, MIPI, LVDS, HDMI, etc. Customers can choose the most suitable interface type according to their own system requirements to achieve convenient integration and connection.



Backlight brightness adjustment: We support backlight brightness adjustment ranging from 200 to 2800 nits. Customers can choose the appropriate brightness level based on the actual application environment and needs to ensure the clarity and visibility of the display effect.

Touch screen personalization: According to customer requirements, we can replace or remove the touch screen (CTP or RTP), or provide a no touch screen solution (No TP). This enables the most suitable touch solution to be selected based on specific application requirements.

Added Anti-Glare Features: We also offer the option of adding anti-glare features. Through the application of special coatings or filters, light reflection and glare can be reduced, improving the visibility and user experience of the display in outdoor or strong light environments.

Whether it is customizing existing products or designing new display solutions for customers, Chenghao Optoelectronic is committed to working closely with customers to provide comprehensive technical support and assistance. We pursue excellent quality and customer satisfaction, and are willing to be your long-term partner to achieve success together.



Support and Services:

Chenghao Optoelectronic Services:

As a professional LCD manufacturer, we have the capability and confidence to provide you with the following services:

- 1. Technical Services:
- Display Solution Design: We offer design services for display solutions, including customizing touch panel cover glass thickness, FPC shape modification, backlight brightness adjustment, and interface customization.
- Remote Online Technical Support: We provide remote online technical support to assist you with any technical queries or issues.
- 2. Product Services:
- Sample Production: As an experienced LCD manufacturer, we can directly produce samples based on your display solution requirements.
- 3. After-Sales Services:
- 12-Month Warranty: We provide a 12-month warranty for our products, ensuring customer satisfaction and peace of mind.
- 4 Certification:
- Quality Management: Our factory adheres to strict ISO9001 quality management system certification, ensuring the highest quality standards in our manufacturing processes.
- Environmental Standards: We are also certified with ISO14001 environmental management system, reflecting our commitment to environmentally friendly practices.
- Compliance: All materials used in our display module production are RoHS compliant. Additionally, we can provide CE, RoHS, and other certificates as per your specific needs.

This article highlights the services provided by Chenghao Optoelectronic, emphasizing our expertise in technical support, product manufacturing, after-sales services, and adherence to quality and environmental certifications.

Packing and Shipping:

Chenghao Optoelectronics' CH101WX05A-CTD thin film transistor liquid crystal capacitive screen is a liquid crystal display module designed and manufactured in Shenzhen, China. It has CE, RoHS and FCC certifications, and there is no minimum order quantity requirement. Depending on the size of the product, the product is carefully packaged in pallets + cartons or foam troughs + cartons, and customized packaging is also available. Delivery time is 3 to 7 days, payment method is TT or other payment method. The supply

capacity is 20 million pieces/month and the warranty is 12 months.

FAQ:

- Q: What is the Manufacturer 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 CH101WX05A-CTD.
- Q: Where is this product made?
- A: This product is made in China, Shenzhen.
- Q: What certifications does this product have?
- A: This product has CE, RoHS, and FCC certifications.
- Q: What kind of packaging does this product have?
- A: This product is packed in tray + carton for small sizes, and foam slot + carton for bigger sizes. Customized packages according to customers' requirements are also available.



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