



Embedded Lcd Display Manufacturer 800x80 WVGA 4.3 Inch Color New Lcd Screen

Our Product Introduction

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Basic Information

- Brand Name: Chenghao Optoelectronic
- Certification: RoHS CE、FCC
- Model Number: CH400WV23A
- 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

- Display Mode: IPS/Transmissive/Normally Black
- Color: 16M
- Viewing Direction: 80/80/80/80
- Screen Size: 4.3 Inch
- Operating Temperature: -20 ~ +70
- Active Area Size: 56.16x93.6 Mm
- Resolution: 480x800 Dots
- Module Size: 61.56x104.65x2.55 Mm
- Highlight: 4.3 inch IPS LCD display, 800x80 WVGA LCD screen, embedded LCD display manufacturer



More Images





Product Description

Product Description:

The CH430WV23A is a 4.3-inch IPS TFT LCD display module designed to deliver exceptional image quality and stable performance for a variety of industrial and commercial applications. With a resolution of 480×800 pixels, the module delivers fine detail and smooth image rendering, ensuring crisp visibility of text and complex graphical interfaces. IPS panel technology enables wide viewing angles of 80°/80°/80°/80° (up/down/left/right), maintaining consistent brightness and accurate color even when viewed from different directions, making it ideal for environments requiring multi-angle viewing.



The CH430WV23A features an MCU parallel interface, supporting fast and efficient data transfer with microcontrollers and embedded processors. This makes it ideal for industrial control panels, smart terminals, and automation equipment. The display utilizes a premium driver IC, ensuring reliable signal processing and long-term operational stability. Its transmissive/negative display mode and LED backlight system provide uniform illumination and excellent contrast, with a typical backlight brightness of 300 cd/m² for optimal readability in all lighting conditions.

The module boasts a compact and durable design, measuring approximately 2.5mm thick, allowing for seamless integration into thin or portable devices. It supports a wide operating temperature range of -20°C to +70°C and can be safely stored at temperatures between -30°C and +80°C, making it suitable for outdoor, industrial, and automotive environments. Furthermore, the CH430WV23A is RoHS-compliant, ensuring long-term sustainability and reliability.



With its rugged design, comprehensive display capabilities, and versatile MCU interfaces, the CH430WV23A provides an ideal display solution for a variety of applications, including smart home systems, automotive displays, IoT devices, and medical instruments. Its superior visual quality, precision machining, and excellent environmental adaptability make it a reliable choice for modern embedded display technology.

Features:

1. 480×800 High-Resolution Display

The CH430WV23A features a 4.3-inch TFT display with a resolution of 480×800 pixels, delivering exceptionally clear and detailed images. The high pixel density ensures smooth text display and accurate color reproduction, making it ideal for applications requiring precise data and high-quality visuals.

2. IPS Technology for a Free-Viewing Angle Display

The CH430WV23A utilizes advanced IPS (In-Plane Switching) technology, offering ultra-wide viewing angles of 80°/80°/80°/80°, ensuring consistent brightness, contrast, and color from any viewing angle.

3. Wide Operating Temperature Range of -20°C to +70°C

Designed for harsh environments, the CH430WV23A operates stably in temperatures ranging from -20°C to +70°C and can be stored at temperatures from -30°C to +80°C. This feature ensures that it can maintain stable display effects and reliable performance in high or low temperature environments, and is particularly suitable for industrial automation, outdoor equipment and automotive electronics applications.

Technical Parameters:

Viewing Direction	80°/80°/80°/80°
FPC Pin numbers	39
Touch Type	No Touch
Viewing Area Size	56.66x94.1 Mm

Q: What is the minimum order quantity for this Small LCD Touch Screen product?

A: The minimum order quantity is 100 pieces.

Q: What are the payment terms for purchasing this Small LCD Touch Screen product?

A: The payment terms are TT (Telegraphic Transfer).



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