



1.8 inch 25pins IPS LCD Panel With 360*360 Dots Resolution for Bcaklight 4 Pcs White LED

Our Product Introduction

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Basic Information

- Place of Origin: China, Shenzhen
- Brand Name: Chenghao Optoelectronic
- Certification: CE RoHS
- Model Number: CH180HV02A
- 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: 7-15 working days
- Supply Ability: 300Kpcs/month

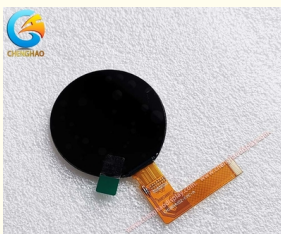


Product Specification

- Product Name: Round Display Screen
- FPC Pin Number: 25pins
- Module Interface: SPI/MCU/RGB
- Storage Temperature: -30 ~ +80 °C
- Color: 65K
- Operating Temperature: -20 ~ +70 °C
- Resolution: 360*360 Dots
- Viewing Direction: 85/85/85
- Bcaklight: 4 Pcs White LED
- Highlight: 1.8 inch IPS Lcd Panel, 25pins IPS Lcd Panel, 360*360 Dots IPS Lcd Panel



More Images



Product Description

Product Description:

The ChengHao Display model CH180HV02A is an advanced color active matrix thin film transistor (TFT) liquid crystal display (LCD), which uses amorphous silicon TFT as its main switching device. The model consists of a TFT LCD panel, a driving IC, a high brightness back-light, a capacitive touch panel, and FPC, making it a highly functional and versatile display module.

This TFT LCD has a diagonally measured active display area of 1.8 inches with a round shape. It boasts of a resolution of 360*360, which is quite remarkable.

The driving IC used in this display is the ST77916, which can display 65K colors with 3line SPI or R.G.B. signal input. The driver is mounted on the glass and the interconnection is through FPC, which also includes components to drive the display module. This display model supports SPI/MCU/RGB multi-interface, making it highly compatible with a variety of devices. What's more, this display module is RoHS compliant and Halogen-free, which ensures its contribution towards environmental protection. Additionally, the FPC can also be customized as per customer requirements. This includes modifications to the back-light and CTP structure, interface definition, and much more.

Lcd No	CH180HV02A	--
BL Luminance	500	cd/m2
Resolution	360*360	dots
View direction	85/85/85/85	--
FPC pin number	25	pins

Features:

High resolution: The display has a resolution of 360 x 360 pixels which offers users a delicate visual experience. It is suitable for displaying complex graphics and text. With this high resolution, users can view images and text in great detail.

IPS display mode: The display uses IPS (In-Plane Switching) technology which provides a wider viewing angle of about 85°/85°/85°/85°. This ensures that there is consistency of color and brightness when viewed from different angles.

High-quality backlight: The display is equipped with 4 white LED backlights that improve the brightness of the screen, making it visible even in strong light environments. The display has a brightness of 500 cd/m², ensuring clear visibility even in bright environments.

Wide temperature: The display can operate within a temperature range of -20°C to +70°C, and can be stored within a temperature range of -30°C to +80°C. This makes it suitable for use in various environments and ensures the stability and reliability of the product.

Color performance: The display supports 65K color display which presents rich color levels and details, enhancing the user experience. This makes it ideal for viewing high-quality images and graphics.

Flexible interface: The module interface supports SPI, MCU and RGB technology, making it compatible with various controllers. This simplifies the integration process and makes it easier to connect the display to different devices.

Technical Parameters:

Module Name: 1.8 inch Round LCD Screen

Module No: CH180HV02A

Resolution: 360*360 dots

Display Mode: IPS/Transmissive/Normally Black

Viewing Direction: 85/85/85/85

Backlight: 4 pcs white LED

Luminance: 500 cd/m²

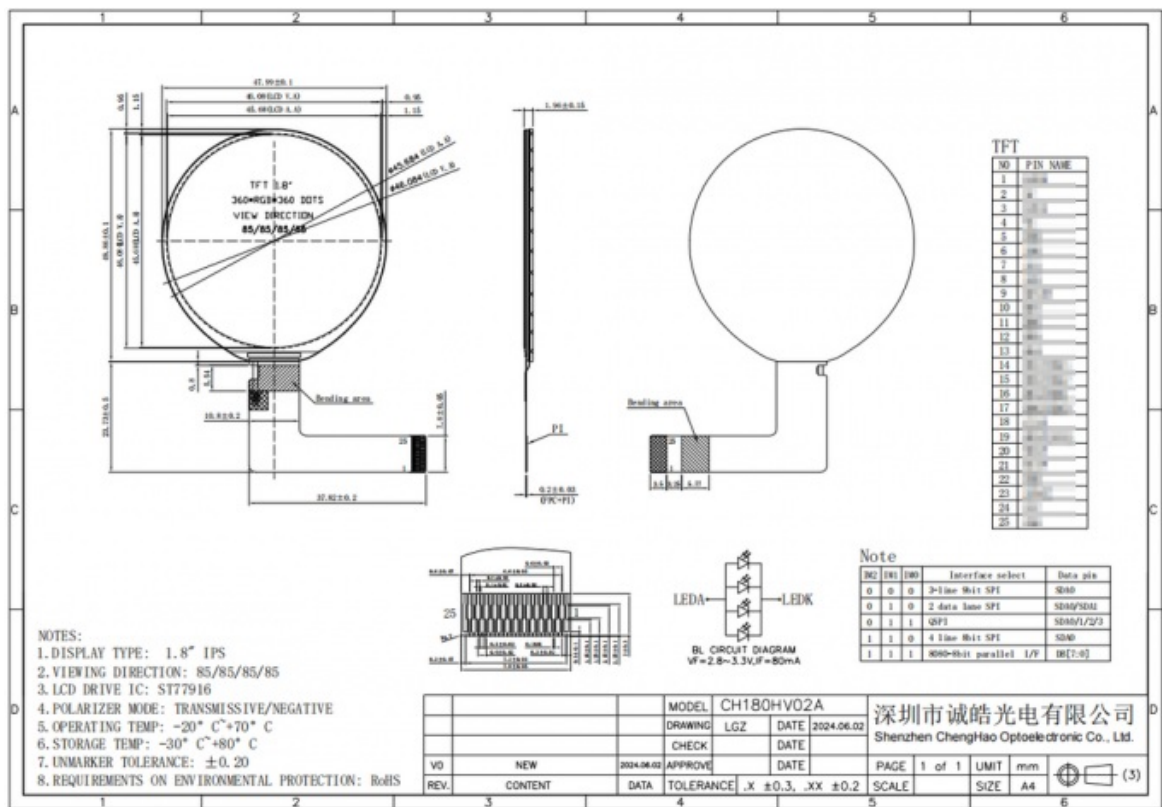
Operating Temperature: -20 ~ +70 °C

Storage Temperature: -30 ~ +80 °C

Color: 65K

Module Interface: SPI/MCU/RGB

FPC Pin Number: 25 pins



Applications:

Are you looking for a round LCD display with ultra-thin and customized features?
I think CH180HV02A will be a good choice for you!

As a color round LCD display designed and customized for portable wearable devices, CH180HV02A has been well received by customers for its excellent features such as high brightness and high resolution. It has now been used in smart measuring rulers, fitness trackers, medical monitoring equipment, portable consumer electronics and other field equipment.

By using CH180HV02A, you can rest assured that you will get a high-quality display that provides the best performance, helping you optimize the functionality and aesthetics of your electronic devices.



FAQ:

- Q:** What is the brand name of this LCD Display?
- A:** The brand name of this LCD Display is Chenghao Optoelectronic.
- Q:** What is the model number of this LCD Display?
- A:** The model number of this LCD Display is CH180HV02A.
- Q:** Where is this LCD Display manufactured?
- A:** This LCD Display is manufactured in China, specifically in Shenzhen.
- Q:** What certifications does this LCD Display have?
- A:** This LCD Display has CE and RoHS certifications.

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

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

Q: What is the packaging method for this LCD Display?

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

Q: What is the delivery time for this LCD Display?

A: The delivery time for this LCD Display is 7-15 working days.

Q: What is the supply ability for this LCD Display?

A: The supply ability for this LCD Display is 300Kpcs/month.



Shenzhen ChengHao Optoelectronic Co., Ltd.



+86 755-27806536



add@chenghaolcm.com



chenghaolcd.com

7th floor, building C5, Hengfeng Industrial City, Hangcheng street, Bao'an District, Shenzhen