4.3inch 55pin SPI MCU TFT LCD Display Resistive Touch Screen Monitor
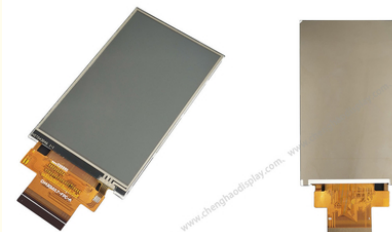
Our Product Introduction
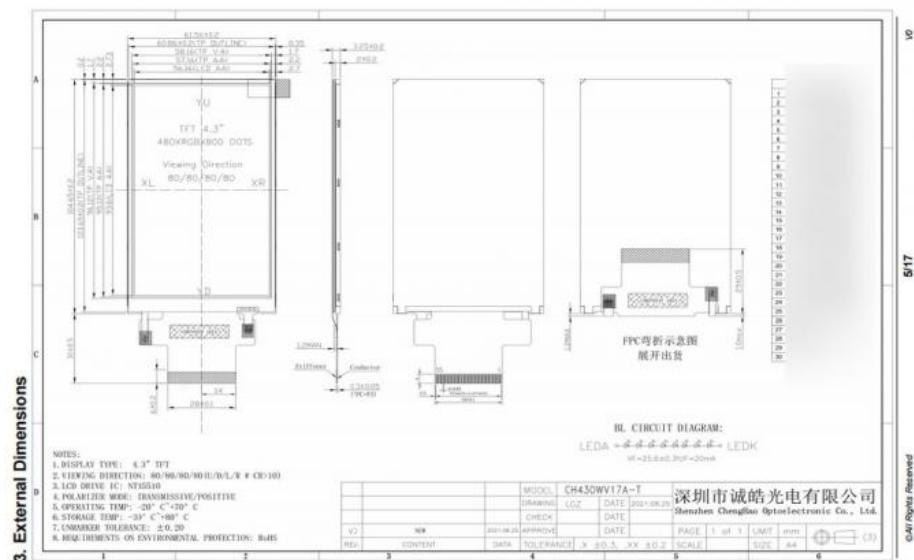
Basic Information

- Place of Origin: ShenZhen, China
- Brand Name: Chenghao/Oem
- Certification: ROHS ISO9001 CE
- Model Number: CH430WV17A-T
- Minimum Order Quantity: 100 pcs
- Price: /
- 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
- Payment Terms: T/T
- Supply Ability: 300Kpcs/month

Product Specification

- Product Name: Custom LCD Display Module
- LCM Type: 4.3inch TFT+RTP
- Resolution: 480x800
- Display Mode: IPS/Transmissive/Normally Black
- Viewing Direction: 80/80/80/80
- Back Light: 350 Cd/m2
- Storage Temperature: -30 ~ +80
- Interface: SPI/MCU/RGB
- Highlight: **SPI MCU TFT LCD Display** ,
  55pin TFT LCD Display ,
  4.3inch Resistive Touch Screen Monitor

4.3inch 55pin SPI MCU TFT LCD Display Resistive Touch Screen Monitor

4.3 inch Resistive Touch Screen Monitor 480x800 55pin SPI MCU RGB Interface

Description of TFT LCD Module

Chenghao Optoelectronic CH430WV17A-T is a 4.3 inch Resistive Touch Screen Lcd Display Module. The display module has a vertical screen display area with a diagonal measurement of 4.3 inches, which can display images of 480*800 pixels. In order to improve customer experience, this color display module adopts IPS display mode design, which has super high contrast and supports free viewing angle.

A resistive touch panel is installed on the surface of the module, which supports communication and interconnection with external devices through the USB interface. As a wide temperature LCD monitor, CH430WV17A-T can operate normally for more than 30000H in the environment of -20~+70 degrees Celsius, and can be stored in the environment of -30~+80 degrees Celsius.

It is worth mentioning that, as a Custom LCD Display, CH430WV17A-CT can be modified and customized according to customer requirements. The customized content includes FPC shape structure, TFT interface customization, backlight brightness modification, etc.

Specification of Small LCD Screen

Product Name	LCD Display Module
Module No	CH430WV17A-T
Display Mode	Normally Black/IPS/Transmissive
Viewing Direction	80/80/80/80
Number of dots	480*3(RGB)*800
Module size	61.56(W)×104.65(H)×3.25(T) mm
Active area	56.16(W)×93.6(H) mm
Dot pitch	0.117(W)×0.117(H) mm
Operating temperature	-20 ~ +70 **°C**
Back Light	8 White LED in serial

Quick detail of tft lcd touch screen

TFT Interface:
4-lines_8bit / 3-lines_9bit SPI
8-/ 9-/16-/18-bit 8080 system interface
16-/18-bit RGB interface

LCD type: *4.3''TFT*
Dot arrangement: *480(RGB)×800 dots*
Color filter array: *RGB vertical stripe*
Driver IC: *NT35510*
Module size: *61.56(W)×104.65(H)×3.25(T) mm*
Active area: *56.16(W)×93.6(H) mm*
Dot pitch: *0.117(W)×0.117(H) mm*

FPC Pin NUmber:*55pin*
Operating temperature: *-20 ~ +70 °C*
Display mode: *IPS/ Transmission / Normally Black*
Viewing Direction: *80/80/80/80*
Storage temperature: *-30 ~ +80 °C*

Back Light: *8 White LED in serial*
Weight: *TBD g*

TP Interface: *I2C*
TP Type: *Resistive Touch Panel*

Keyword: *TFT Resistive Touchscreen*
LCM No: CH430WV17A-T

Application of IPS LCD Screen

Chenghao Optoelectronic CH430WV17A-T is a full color lcd touch screen Display designed and customized for installation on 3D printers. It can provide customers with CE, FCC, RoHS certificates and 12-month warranty service. It can be widely used in various display needs Devices with color view, such as industrial equipment, medical equipment, household equipment, etc.

3. External Dimensions

NOTES:
1. DISPLAY TYPE: 4.3" TFT
2. VIEWING DIRECTION: 80/80/80/80 U/D/L/R # CR>10)
3. LCD DRIVE IC: NT35510
4. POLARIZER MODE: TRANSMISSIVE/POSITIVE
5. OPERATING TEMP: -20°C~70°C
6. STORAGE TEMP: -30°C~80°C
7. UNMARKER TOLERANCE: ±0.20
8. REQUIREMENTS ON ENVIRONMENTAL PROTECTION: RoHS

BL CIRCUIT DIAGRAM:
Vf=33.6±0.3V,If=20mA

MODEL	CH430WV17A-T	深圳市诚皓光电有限公司
DRAWING	LGZ	DATE 2021.09.21	Shenzhen Chenghao Optoelectronic Co., Ltd.
CHECK		DATE	PAGE 1 of 1	UNIT mm
APPROVE		DATE	SCALE	SIZE A4

Our Service

As an TFT Lcd manufacturer based in Shenzhen, Chenghao Optoelectronic offers a wide range of products including TFT-LCDs, OLEDs, and other related components. With years of experience and a team of highly skilled professionals, we have established a reputation for excellence in the industry.

One of the key strengths of our company is our service. We pride ourselves on providing personalized and comprehensive solutions to our customers, from product design and development to final delivery. Whether you are a small enterprise or a large-scale enterprise, we can work closely with you to understand your needs and provide you with the best possible solution.

Our service includes a 24-hour online customer service team, which is available to answer your questions and provide guidance throughout the purchasing process. We also offer remote technical support from our engineers, who can assist you with any issues that may arise during the life of your product.

In addition to our customer-oriented service, we are also committed to providing high-quality products that meet international standards. Our factory has completed ISO9001 certification, and all of our products are accompanied by CE, FCC, and RoHS certificates. We pride ourselves on our commitment to quality and are committed to ensuring that our products meet the highest standards of excellence.

Our service philosophy is simple: we want to build long-term relationships with our customers by providing the best possible products and services. We believe that by working closely with our customers, we can help them achieve their goals and deliver successful products to the market.

If you are interested in learning more about our services or purchasing our products, please do not hesitate to contact us. We look forward to working with you and helping you achieve your goals.

Shenzhen ChengHao Optoelectronic Co., Ltd.

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