



Mipi Tft I2C Ctp Capacitive Resistive Touch Screen 480x800 IPS Viewing

Our Product Introduction

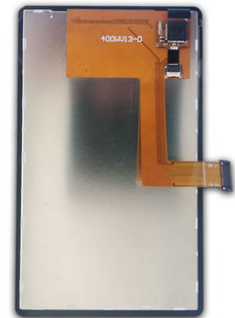
Basic Information

- Place of Origin: ShenZhen, China
- Brand Name: 4 Inch TFT
- Certification: ROHS ISO9001 CE
- Model Number: CH400WV13A-CT
- 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

- Size: 3.97 Inch TFT
- Dot Arrangement: 480(RGB)×800
- Display Mode: IPS Viewing
- Module Size: 61.0mm(W)*102.0(H)*3.7(T)
- Active Area: 51.84(W)*86.4(H) M
- Interface: TFT:2-lane MIPI CTP:I2C
- Touch: Capacitive
- CTP Type: G+F+F
- Highlight: **Mipi Tft Capacitive Resistive Touch Screen, I2C Ctp Capacitive Resistive Touch Screen, 480x800 Tft Lcd Touchscreen**



More Images



3.95 Inch Capacitive Resistive Touch Screen 480*800 Hight Resolution Mipi Tft And I2C Ctp

ChengHao Display model CH400WV13A-CT is a color active matrix thin film transistor (TFT) liquid crystal display (LCD) that uses amorphous silicon TFT as a switching device. This model is composed of a TFT LCD panel, a driving IC, a high brightness back-light, a capacitive touch panel and FPC.

This TFT LCD has a 3.97 (16:9) inch diagonally measured active display area with WVGA (480 horizontal by 800 vertical pixel) resolution.

The driver used for this project is the ST7701S and can display 16M colors by 24 bit R.G.B. signal input. The driver is mounted on the glass and the interconnection via FPC including components to drive the display module. Support RGB interface.

In addition, FPC can also be customized according to customer requirements, such as modifying back-light and CTP structure, interface definition, etc.

RoHS Compliance & Halogen Free.

MODEL NO.	CH400WV13A-CT
Module type	3.97"TFT + CTP
Display Mode	IPS / Transmissive / Normally Black
CTP type	G+F+F
Number of Dots	480*3(RGB)*800
Viewing Direction	ALL
Module size	61.0(W)*102.0(H)*3.7(T)mm
TFT Active area	51.84(W)*86.4(H)mm
Interface	TFT: MIPI CTP:I2C
Luminance	350cd/m2

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3. External Dimensions

3.97" TFT
480x3 (RGB) X800 DOTS

View Direction ALL

IC

FFC弯折示意图
FFC弯折出货

NOTES:

1. DISPLAY TYPE: 3.97" TFT/LIPS
2. VIEWING DIRECTION: ALL
3. LCD DRIVE IC: ST727015
4. POLARIZER MODE: TRANSMISSIVE/NEGATIVE
5. BACKLIGHT CONNECTOR: XH5002H
6. OPERATING TEMP: -20° C~+70° C
7. STORAGE TEMP: -30° C~+60° C
8. UNMARKED TOLERANCE: ±0.20
9. REQUIREMENTS ON ENVIRONMENTAL PROTECTION: RoHS

CTP NOTE:

1. LENS-ITO Film/PC/Adhesive
- ITO Film: 0.1mm
- LENS GLASS: 1.1mm
- LC: SF91
2. Operation Voltage: 2.0V~3.3 V
3. Transmittance: ≥95%
4. The cover hardness: 6H
5. Operation Temp.: -20°C~+70°C, <5000H
7. Storage Temp.: +30°C~+60°C, <5000H

REV	DESCRIPTION	DATE	MODEL	CH40QWV13A-CT
001	首次设计/首次	2019.04.26	DRAWING	LCZ
001	首次生产/首次		CHECK	DATE
001			APPROVE	DATE
REV	CONTENT	DATA	TOLERANCE	X ±0.3, X ±0.2

SCALE: 1 of 1 UNIT: mm

SIZE: A4

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Shenzhen Chenghao Optoelectronic Co., Ltd.

PAGE: 1 of 1 UNIT: mm

SCALE: 1 of 1 UNIT: mm

SIZE: A4

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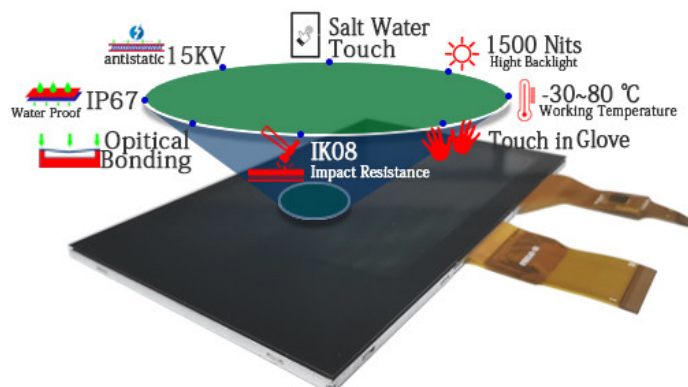
BOM Release

Module Type	Display Area	Display Mode
1.44 inch	25.50 * 26.50 mm	Normally White IPS, Transmissive
1.44 inch	25.50 * 26.50 mm	Normally White TN, Transmissive
1.50 inch	29.76 * 22.32 mm	Normally Black IPS, Transmissive
1.54 inch	27.72 * 27.72 mm	Normally Black IPS, Transmissive
1.54 inch	27.74 * 27.74 mm	Normally Black IPS, Transmissive
1.77 inch	28.03 * 35.04 mm	Normally White TN, Transmissive
1.80 inch	28.03 * 35.04 mm	Normally White TN, Transmissive
2.00 inch	30.60 * 40.80 mm	Normally White TN, Transmissive
2.10 inch	Circular display area	Normally White IPS, Transmissive

2.31 inch	46.75 * 35.06 mm	Normally White TN, Transmissive
2.40 inch	36.72 * 48.96 mm	Normally White TN, Transmissive
2.40 inch	36.72 * 48.96 mm	Normally White IPS, Transmissive
2.80 inch	43.20 * 57.60 mm	Normally White TN, Transmissive
2.80 inch	43.20 * 57.60 mm	Normally White IPS, Transmissive
3.00 inch	36.72 * 65.28 mm	Normally Black IPS, Transmissive
3.20 inch	48.60 * 64.80 mm	Normally White TN, Transmissive
3.50 inch	70.08 * 52.56 mm	Normally White TN, Transmissive
3.50 inch	70.08 * 52.56 mm	Normally Black IPS, Transmissive
4.00 inch	51.84 * 86.4 mm	Normally Black IPS, Transmissive
4.00 inch	71.86 * 70.18 mm	Normally Black IPS, Transmissive
4.30 inch	95.04 * 53.86 mm	Normally White TN, Transmissive
4.30 inch	95.04 * 53.86 mm	Normally Black IPS, Transmissive
5.00 inch	110.88 * 62.83 mm	Normally White TN, Transmissive
5.00 inch	108.00 * 64.8 0mm	Normally Black IPS, Transmissive
5.50 inch	68.04 * 120.96 mm	Normally Black IPS, Transmissive
6.00 inch	74.52 * 132.48 mm	Normally Black IPS, Transmissive
7.00 inch	154.08 * 85.92 mm	Normally White TN, Transmissive
7.00 inch	153.6 * 90 mm	Normally White TN, Transmissive
7.00 inch	154.21 mm * 85.92 mm	Normally Black IPS, Transmissive
8.00 inch	107.64 * 172.22 mm	Normally Black IPS, Transmissive
9.00 inch	196.61 * 114.15 mm	Normally White TN, Transmissive
10.1 inch	135.36 * 216.58 mm	Normally Black IPS, Transmissive

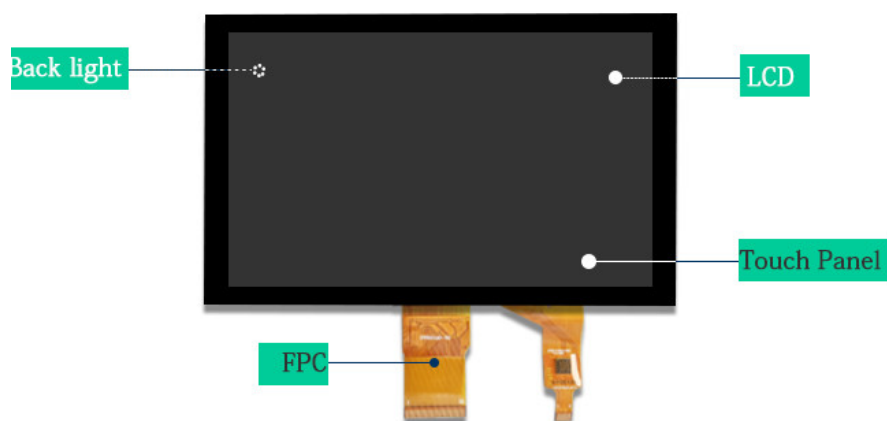
Our Product Technology

With our current technical strength, our products can achieve the following indicators for you



Product Customization

The part marked in the figure below is the content that can be customized according to customer needs



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