



## 4.0 Inch High Brightness TFT Display 480x800 Resolution With ST7701 IC

### Our Product Introduction

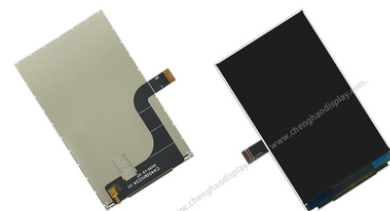
#### Basic Information

- Place of Origin: ShenZhen, China
- Brand Name: Chenghao/Oem
- Certification: ROHS ISO9001 CE
- Model Number: CH400WV22A
- 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: High Brightness TFT Display
- Module Type: 4.0" TFT
- Display Mode: IPS / Transmissive / Normally Black
- Number Of Dots: 480\*3(RGB)\*800
- Viewing Direction: ALL
- Module Size: 57.140(W)\*96.85(H)\*1.83(T)mm
- TFT Active Area: 51.84(W)\*86.4(H)mm
- Interface: MIPI
- Highlight: 4.0 Inch High Brightness TFT display, MIPI Interface High Brightness TFT display, ST7701 IC TFT LCD Display



## Product Description

High Brightness TFT Display 4.0 Inch 480x800 Resolution With ST7701 IC

### 1. Specification

ITEM	STANDARD VALUES	UNITS
LCD type	4.0" TFT	--
Dot arrangement	480*800	dots
Driver IC	ST7701	--
Module size	57.14(W)×96.85(H)×1.83(T)	mm
Active area	51.84(W)×86.4(H)	mm
Dot pitch	0.108(W)×0.108(H)	mm
Operating temperature	-20 ~ +70	°C
Storage temperature	-30 ~ +80	°C
Back Light	White LED	--
Weight	TBD	g

### 2. Description

ChengHao Display model **CH400WV22A** 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 **back-light** and **FPC**.

This TFT LCD has a 4.0 (Vertical screen) inch diagonally measured active display area with **480\*800** resolution.

The driver used for this project is the ST7701S and can display **16M** colors by 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 2-lane\_MIPi DSI interface.

It is worth mentioning that the CH400WV22A adopts IPS TFT display technology and has an ultra-wide viewing angle of 80/80/80/80, allowing users to obtain a better viewing experience.

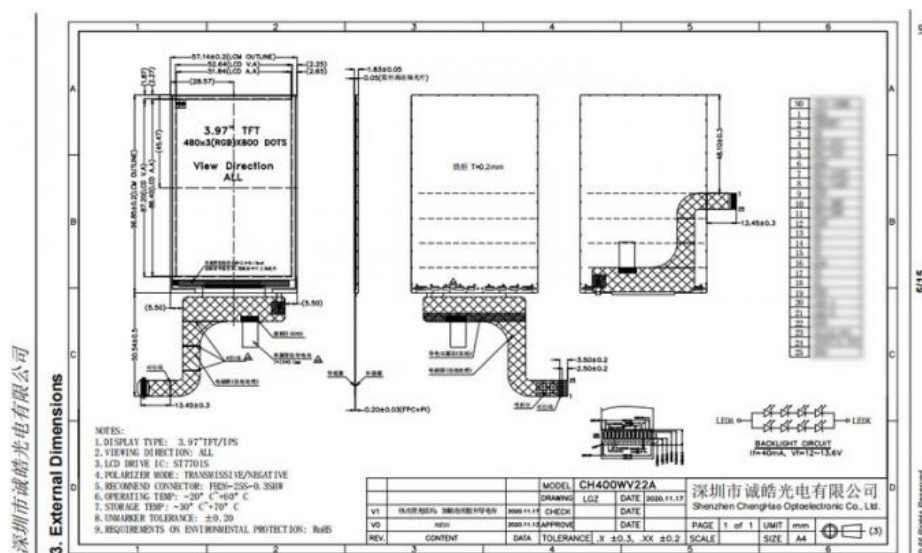
In addition, FPC can also be customized according to customer requirements, such as modifying **back-light and FPC structure, interface definition**, etc.

RoHS Compliance & Halogen Free.

## Contact Us to get the Detailed Datasheet

[Please Click Here](#)

### 3. Drawing



### 4. Quick Detail

Product Name: High Brightness TFT Display 4.0 Inch 480x800 Resolution With ST7701 IC

Model No: CH400WV22A

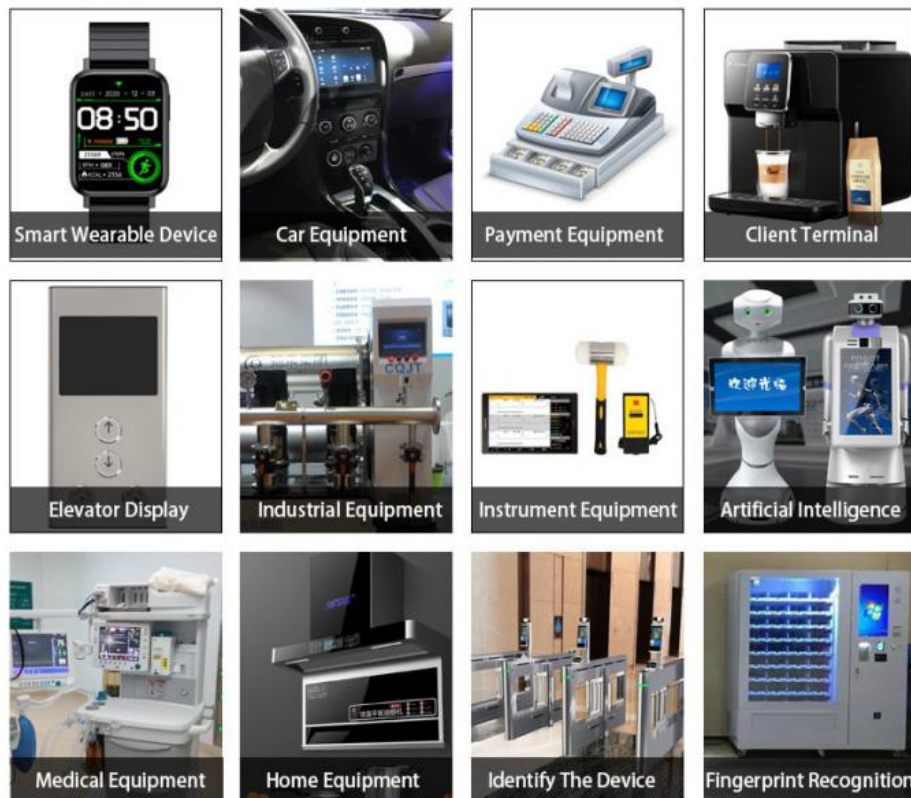
With or Without TP: without

Support TP Type: CTP, RTP

LCD type: 3.97" TFT

Dot arrangement: 480(RGB)×800 dots  
 Color filter array: RGB vertical stripe  
 Display mode: IPS / Transmissive / Normally Black  
 Viewing Direction: ALL  
 TFT Driver IC: ST7701S  
 Color: 16M  
 Contrast: 800:1  
 Module size: 57.14(W)×96.85(H)×1.83(T) mm  
 TFT Active area: 51.84(W)×86.4(H) mm  
 Dot pitch: 0.108(W)×0.108(H) mm  
 TFT Interface: 2-lane\_MIPi DSI  
 FPC Pin Number: 25  
 Operating temperature: -20 ~ +60 °C  
 Storage temperature: -30 ~ +70 °C  
 Back Light: 8 White LED  
 Weight: TBD g

## 5. Application



## 6. FAQ

Q1: Are you manufacturer ?

A: Yes, we are manufacturer.

Q2: How long is your delivery time?

A: Normally 3-5 working days after payment; Special requirement orders, delivery time is negotiable.

Q3: If the products can't work after receiving it, what should I do?

A: We will replace new items for you at once and then we make the judgement for the issue.

Q4: Do you accept OEM design?

A: Yes, we do. We can design according to your requirement, MOQ usually 100-1000.

Q5: Do you accept pay 30% in advance?

A: Yes, we do. We can start to prepare your goods when receive 30% payment, and send them after get the rest 70% payment.

Q6: What payment terms you accept?

A: We accept Paypal, T/T, Western Union, Wechat, Alipay, in Cash (RMB or USD).



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