480x854 IPS LCD Module ST7701S 4.5 Inch Tft Screen With 25 Pin FPC

Our Product Introduction

Basic Information

- Place of Origin: ShenZhen, China
- Brand Name: Chenghao/Oem
- Certification: ROHS ISO9001 CE
- Model Number: CH450FW02A
- 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: 480x854 IPS LCD Module
- DISPLAY TYPE: 4.5" TFT
- VIEWING DIRECTION: 80/80/80/80(U/D/L/R @ CR>10)
- LCD DRIVE IC: ST7701S
- POLARIZER MODE: TRANSMISSIVE/ NEGATIVE
- OPERATING TEMP: -20°C~+70°C
- STORAGE TEMP: -30°C~+80°C
- Highlight: **480x854 IPS LCD Module**, **ST7701S IPS LCD Module**, **FPC 4.5 inch tft screen**

Product Description

480x854 IPS LCD Module ST7701S 4.5 inch tft screen with 25 pin FPC

1. Specification of 4.5 inch color tft lcd module

Module number	CH450FW02A
Resolution	480(RGB)*854 dots
Active Area	55.44*98.64 mm
View angle	80/80/80/80
Pixel Arrangement	RGB-stripe
Surface Treatment	Plant
Electrical Interface	mipi

2. Description of 480x854 tft lcd module

chenghao is a color LCD display manufacturer, providing wholesale customization services to global display users.
CH450FW02A is a color tft display module standard product from chenghao company, which mainly includes an IPS TFT LCD Panel, a driver IC, an iron frame, a backlight and an FPC.
(1) The Lcd Panel has a 4.5 inch active display area with 480x854 dots Resolution.
(2) ST7701S is used as the driver IC of The Tft Screen Module, which is mounted on the glass and interconnected with other components through FPC. By inputting RGB signals to the driver IC, the screen display can display 16M colors.
(3) The Back Light (BL) has 10 parallel wihte LEDs. When VF=15V/IF=40mA is input to BL, the lcd panel can produce a luminance of 450 cd/m2.
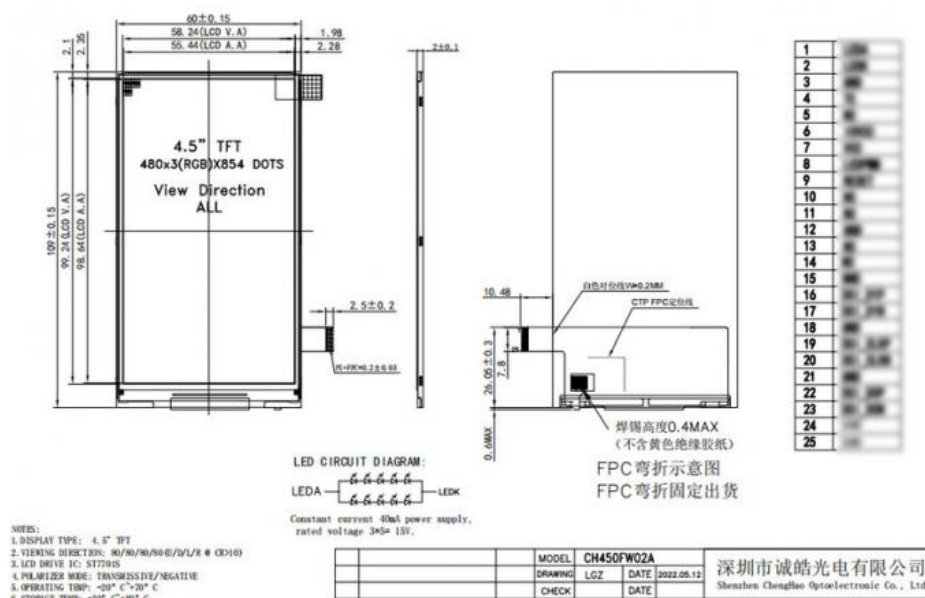(4) The FPC can also be customized according to customer requirements, such as modifying back-light and FPC structure, interface definition, etc.
RoHS Compliance & Halogen Free.

3. Drawings of 4.5 inch lcd display
Notes:
(1) Display Type : 4.5" IPS TFT
(2) Viewing Direction : 80/80/80/80
(3) Polarizer Mode : Transmissive / Negative
(4) Operating Temp : -20~70 ℃
(5) Storage Temp : -30~80 ℃
(6) Unmarker Tolerance: ±0.20
(7) Protection : ROHS

4. Quick Detail of 480x854 lcd display module

* LCD name: 480x854 IPS LCD Module ST7701S 4.5 inch tft screen with 25 pin FPC
* Part No.: CH450FW02A

* With touch panel or not: no
* Touch type: capacitive / resistive touch panel
* Display type: 4.5" IPS TFT
* Display colors: 16 M
* Resolution (pixels): 480(RGB)*854
* Viewing direction: 80/80/80/80
* Display mode: IPS / Transmissive / Normally Black
* Module size: 60x109x2 mm
* Active Area: 55.44x98.64 mm
* Luminance: 450 cd/m2
* Contrast: 800:1
* Interface type: mipi
* Pin NO.: 25 pin
* Backlight type and color: LED backlight/white
  Backlight: 10 pcs LED parallel
* LED Life span: 20000h

5. Application of 480x854 lcd display

Smart Wearable Device | Car Equipment | Payment Equipment | Client Terminal
Elevator Display | Industrial Equipment | Instrument Equipment | Artificial Intelligence
Medical Equipment | Home Equipment | Identify The Device | Fingerprint Recognition

6.Why Choose Us ?

The high quality products enable it to build a long-term relationship with world-famous enterprises in the industries
(1) Competitive Price
Own-owned factories offer lower prices and better quality assurance.
(2) Strong Technical Strength
We are a top supplier specializing in the production of color LCD screens. We have a technical team with rich experience in product research and development, and can provide customers with professional technical support and customized consulting services at any time, which is very important for cooperative customers with special project needs.
(3) Long-term Partner
Products are sold to more than 40 countries, so from Chenghao Optoelectronic you can get more stable supplying promise;
(4) Professional Service
We have a professional after-sales team that can provide you with after-sales consulting services 24 hours a day.At the same time, if you encounter any problems in the process of using our products, you can give us feedback, and our technical engineers will provide you with online remote consulting services at any time.
(5) Quality to be ensure
All panels are 100% brand new, without false panels; All packages have labels and serial numbers for easy viewing by customers;