



480X480 Square LCD Display 3.95 Inch Negative Lcd Display Module With ST7701

Our Product Introduction

Basic Information

- Place of Origin: ShenZhen, China
- Brand Name: Chenghao/Oem
- Certification: ROHS ISO9001 CE
- Model Number: CH400WV19A
- 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: Negative Lcd Display
- Resolution: 480*480 Dots
- Display Mode: IPS/Normally Black
- Outline Dimension: 74.83(W)*78.98(H)*1.98(T) Mm
- Display Area: 71.856(W)*70.176(H) Mm
- Luminance: 350 Cd/m2
- Interface: SPI + RGB
- Highlight: **480X480 Square LCD Display,
Negative Square LCD Display,
3.95 Inch Negative Lcd Display Module**



Product Description

480*480 Square Display 3.95 Inch Negative Lcd Display With ST7701

1. Specification of Tft Lcd Monitor

Part No.	CH400WV19A
Size	3.95 inch
Resolution	480*480 dots
Outline Dimension	74.83(W)*78.98(H)*1.98(T)mm
Active Area	71.856(W)*70.176(H)mm
Working temperature	-20°C ~ 70°C
Storage temperature	-20°C ~ 70°C
Delivery Time	10 days

2. Description of Tft Lcd Screen

ChengHao Display model CH400WV19A 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 Screen Module has a 3.95 (Square screen) inch diagonally measured active display area with 480*480 Resolution . At the same time, the whole module adopts SPI+RGB two communication interfaces, which supports a variety of connection methods. ST7701 is Used as the driver IC of this module, the TFT display can display 16.7M/262K/65K colors by inputting RGB signals to the Driver IC. The backlight unit contains 8 pcs White LED, which can make the backlight brightness of Tft Screen Module reach 350 cd/m2.

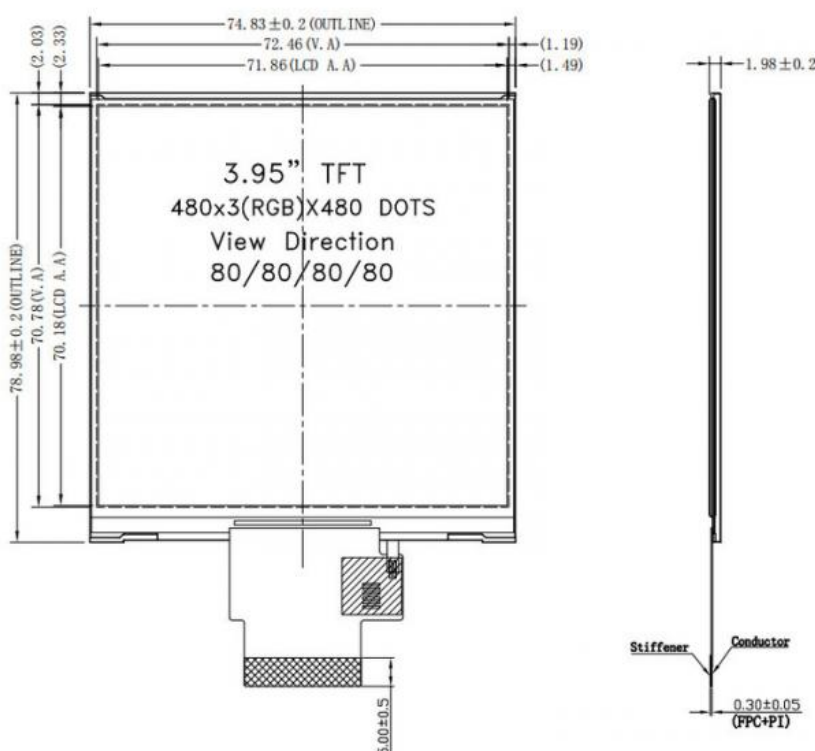
In addition, FPC can also be customized according to customer requirements, such as modifying back-light and interface definition, etc.

RoHS Compliance & Halogen Free.

3. Drawings of Tft Display Module

Notes:

- (1) Display Type : 3.95"TFT
- (2) Viewing Direction : all
- (3) Lcd Drive IC : ST7701s
- (4) Polarizer Mode : IPS/ Transmission / Normally Blcak
- (5) Operating Temp : -20~70 °C
- (6) Storage Temp : -30~80 °C
- (7) Unmarker Tolerance: ± 0.20
- (8) Protection : ROHS



Contact Us to get the Detailed Datasheet

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4. Quick Detail of Tft Display Module

- * LCD name: 480*480 Square Display 3.95 Inch Negative Lcd Display With ST7701
- * Part No.: CH400WV19A
- * Size.: 3.95"
- * With or without touch panel: No
- * Support Touch Panel type: Capacitive or Resistive Touch Panel
- * Display type: 3.95 inch TFT
- * Color filter array: RGB vertical stripe
- * Display colors: 65K / 262K /16.7M (optional)
- * Resolution (pixels): 480*480
- * Viewing direction: All
- * Controller IC: ST7701
- * Display mode: IPS / Transmission / Normally Black
- * Overall size: 74.83*78.98*1.98 mm
- * Active Area: 71.856*70.176 mm
- * Luminance: 350 cd/m2
- * Contrast: 800:1
- * Interface type: SPI+RGB
- * Pin NO.: 40
- * Pin pitch: 0.35 mm
- * Connecting type: Connector
- * Backlight type : 8 White LED In Parallel
- * LED Life span: 20000h
- * Weight: TBD g
- * Operating Temperature : -20~ +70 °C
- * Storage Temperature : -30~ +80 °C

5. Application of TFT SPI Display

Application



Consumer Electronics



Instrument Panel



HMI



Smart Home



Medical Equipment



Automotive Equipment

6. Our Service

1. And if it is necessary for you to have technical support in the process of development, we can provide it for you at any time.
2. Good quality and credit is the soul of our company. Before shipment, we will guarantee that the products will be done the aging test and 100% of the visual and electric logging.
3. When the product upgrades, we will notify the related clients in advance, and the upgrading product can be perfectly compatible with the old ones.
4. The warranty period of the product is 12 months.



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