



## IPS Transmissive LCD Touch Screen Display 5.0" TFT RTP With NT35510 Driver IC

### Our Product Introduction

#### Basic Information

- Place of Origin: ShenZhen, China
- Brand Name: Chenghao/Oem
- Certification: ROHS ISO9001 CE
- Model Number: CH500FW11-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: Lcd Touch Screen Display
- Module Type: 5.0"TFT+RTP
- Display Mode: IPS/Transmissive/Normally Black
- Number Of Dots: 480\*854
- Viewing Direction: 80/80/80/80
- Module Size: 66.76\*120.05\*3.2 Mm
- TFT Active Area: 61.631\*109.653 Mm
- Highlight: IPS Transmissive Lcd Touch Screen Display ,  
TFT RTP Lcd Touch Screen Display ,  
NT35510 Small LCD Touch Screen



## Product Description

### 5.0 Inch Lcd Touch Screen Display 480\*854 Resolution With NT35510 Lcd Driver IC

#### 1. Specification of Lcd Touch Monitor

ITEM	STANDARD VALUES	UNITS
LCD type	5.0" TFT+RTP	--
Dot arrangement	480(RGB)×854	dots
Driver IC	NT35510	--
Module size	66.76*120.05*3.2 mm	mm
Active area	61.631*109.653 mm	mm
Operating temperature	-20 ~ +70	°C
Storage temperature	-30 ~ +80	°C
Back Light	12 White LED In Paralle	--
Weight	TBD	g

#### 2. Description of Touch Screen Display Panel

ChengHao Display model CH500FW11 -T 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, a Resistive touch panel and FPC.

This TFT LCD has a 5 (vertical screen) inch diagonally measured active display area with 480\*3(RGB)\*854 Dots resolution. The driver used for this project is the NT35510 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 8 / 16 bit 8080 system interface.

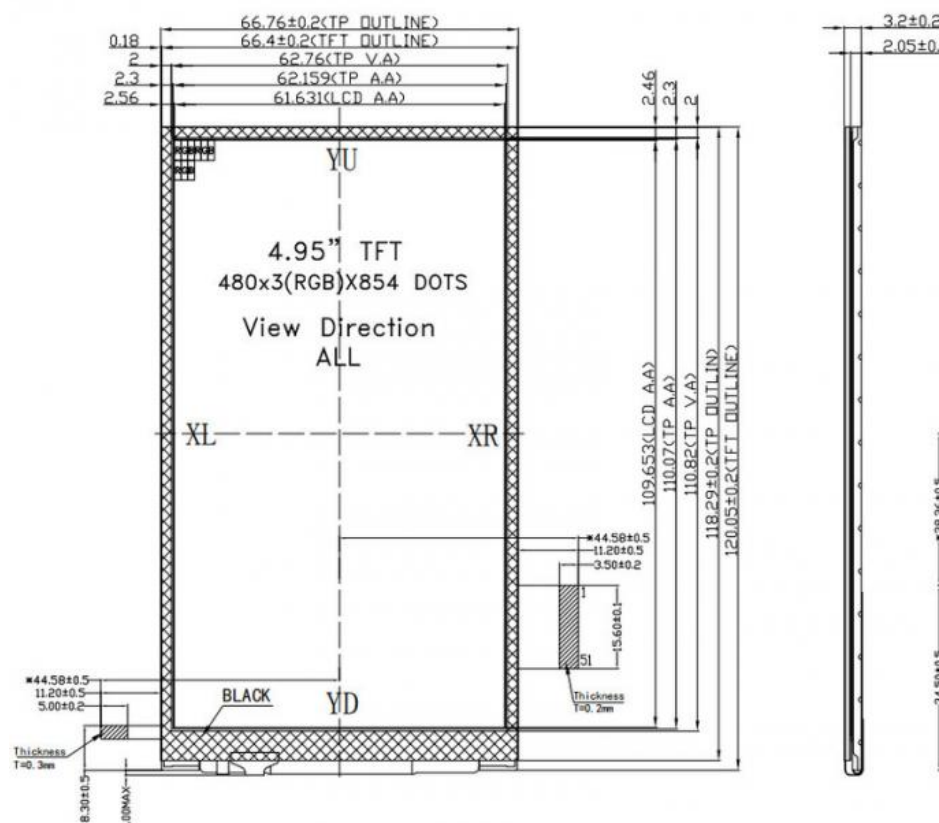
In addition, FPC can also be customized according to customer requirements, such as modifying back-light and RTP structure, interface definition, etc.

RoHS Compliance & Halogen Free.

#### 3. Drawings of Small Touch Screen Display

Notes:

- (1) Display Type : 5"TFT+RTP
- (2) Viewing Direction : All Viewing Angle
- (3) Lcd Drive IC : NT35510
- (4) Polarizer Mode : IPS/ Transmission / Normally Black
- (5) Operating Temp : -20~70 °C
- (6) Storage Temp : -30~80 °C
- (7) Unmarker Tolerance:  $\pm 0.20$
- (8) Protection : ROHS



## Contact Us to get the Detailed Datasheet

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### 4. Quick Detail of Lcd Capacitive Touchscreen

- \* LCD name: 5.0 Inch Lcd Touch Screen Display 480\*854 Resolution With NT35510 Lcd Driver IC
  - \* Part No.: CH500FW11-T
  - \* Size.: 5 inch
  - \* With or without touch panel: Yes
  - \* Touch Panel type: RTP
  - \* Display type: 5.0-inch TFT
  - \* Color filter array: RGB vertical stripe
  - \* Display colors: 16.7M (optional)
  - \* Resolution (pixels): 480\*854
  - \* Viewing direction: All Viewing Direction
  - \* Controller IC: NT35510
  - \* Display mode: IPS / Transmission / Normally Black
  - \* Overall size: 66.76\*120.05\*3.2 mm
  - \* Active Area: 61.631\*109.653 mm
  - \* Luminance: 400 cd/m2
  - \* Contrast: 800:1
  - \* Interface type: 8/16-bit 8080 system interface
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- \* Pin NO.: 51
  - \* Backlight type : 12 White LED In Parallel
  - \* Weight: TBD g
  - \* Operating Temperature : -20~ +70 °C
  - \* Storage Temperature : -30~ +80 °C

### 5. Application of Ips Lcd Tft Touchscreen





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