

850cd/M2 Capacitive LCD Touch Screen ILI9488 3.5 Inch 480x320 Dots FPC SPI

Our Product Introduction

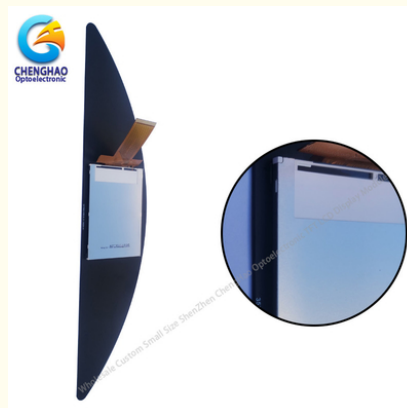
Basic Information

- Place of Origin: ShenZhen, China
- Brand Name: Chenghao/Oem
- Certification: ROHS ISO9001 CE
- Model Number: CH350HV43A-CTA
- 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: 480x320 Dots TFT LCD Module
- Display Type: 3.5" TFT
- Viewing Angle: 80/80/80/80
- Lcd Driver IC: ILI9488
- Polarizer Mode: Transmissive/Negative
- Operating Temp: -20~70
- Storage Temp: -30~80
- Highlight: 850cd/M2 Capacitive LCD Touch Screen, ILI9488 Capacitive LCD Touch Screen, FPC SPI TFT LCD Module



More Images



Product Description

1. Specification

ITEM	STANDARD VALUES	UNITS
LCD type	3.5"TFT	--
Dot arrangement	480(RGB)× 320	dots
Driver IC	ILI9488	--
TFT Size	70.0(W) ×84.96(H)×1.32(T)	mm
Active area	73.44(W) ×48.96(H)	mm
Operating temperature	- 20 ~ + 70	°C
Storage temperature	- 30 ~ + 80	°C
Back Light	8 White LED In Paralle	--
Weight	TBD	g

2. Description

ChengHao Display model CH350HV43A-CTA 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 Capacitive Touch Panel and FPC.

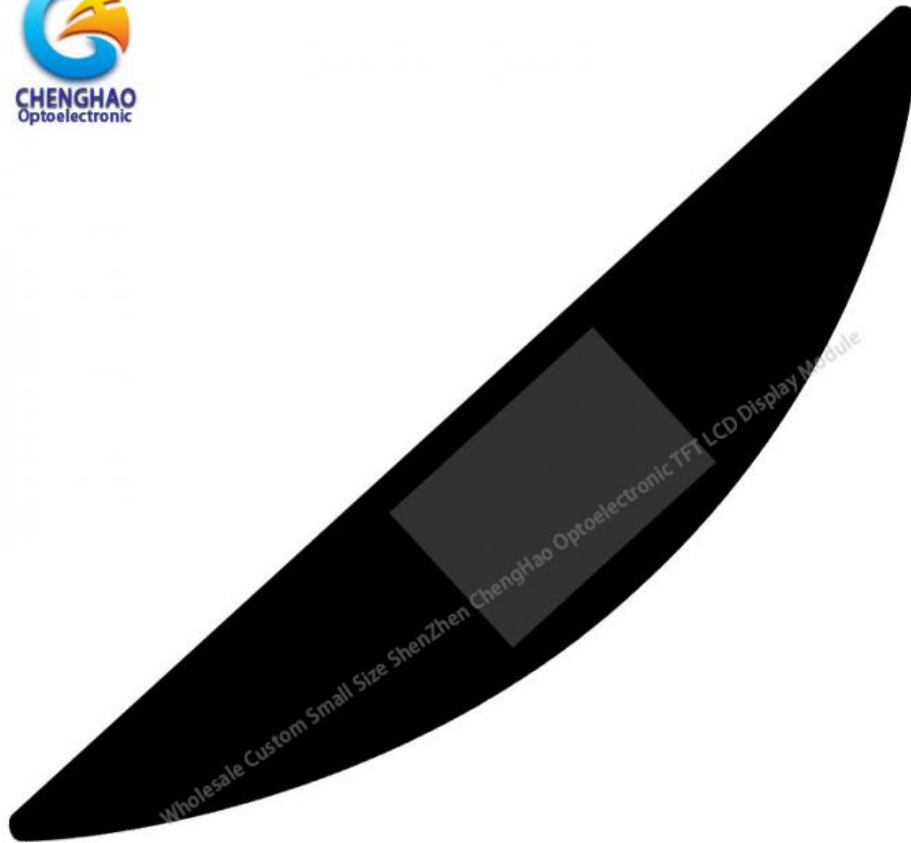
This TFT LCD has a 3.5 (vertical screen) inch diagonally measured active display area with 480(RGB)*320 Dots.



The driver used for this project is the ILI9488 and can display 65k/262k/16.7M (optional) colors by signal input. The driver is mounted on the glass and the interconnection via FPC including components to drive the display module. Support RGB / SPI (Optional) Interface.

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

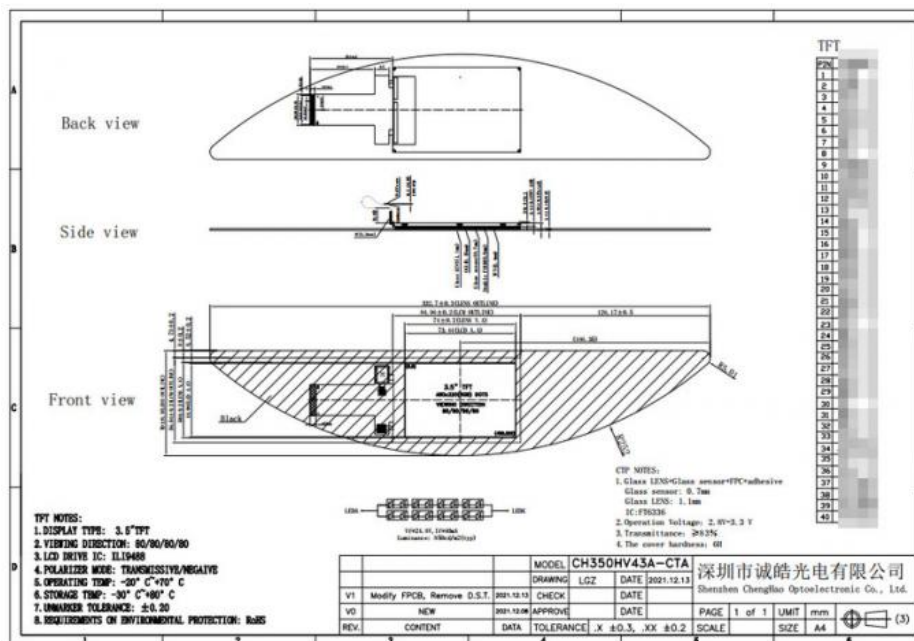
RoHS Compliance & Halogen Free.



3. Drawings

Notes:

- (1) Display Type : 3.5" TFT+CTP
- (2) Viewing Direction : 80/80/80/80
- (3) Lcd Drive IC : ILI9488
- (4) Polarizer Mode : Transmissive/ Negative
- (5) Operating Temp : -20~70 °C
- (6) Storage Temp : -30~80 °C
- (7) Unmarker Tolerance: ± 0.20
- (8) Protection : ROHS / CE



4. Quick Detail

- * LCD name: 3.5 Inch 480x320 Dots TFT LCD Module 850 Cd/M2 High Brightness Capacitive Touch Screen Lcd
- * Part No.: CH350HV43A-CTA
- * Size.: 3.5 inch
- * Touch panel or not: yes

- * Touch type: Capacitive Touch Panel
- * Display type: IPS TFT
- * Display colors: 16.7M / 262K / 65K (optional)
- * Resolution (pixels): 480(RGB)*320
- * Viewing direction: 80/80/80/80
- * Controller IC: JLI9488
- * Display mode: Transmissive / Normally Black
- * LENS Outline : 332.7*70.3 mm
- * Glass Lens : 1.1 mm
- * OCA : 0.1 mm
- * Glass sensor : 0.7 mm
- * Double Foam : 0.5 mm
- * TFT lens: 2.4 mm
- * Luminance: 850 cd/m2
- * Contrast: 800:1
- * Interface type:
4line SPI/3line SPI
8/9/16/18bit MCU interface
SPI + 6/16/18bit RGB interface
- * Pin NO.: 40pin
- * Connecting type: Connector type
- Backlight: 8 LED parallel
- * IF= 40mA, VF=24.8 V
- * LED Life span: 20000h

5. Application



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.

If you want to know more information, please contact us immediately, we look forward to communicating and cooperating with you!

7. FAQ

Q: Payment methods?
T/T, Paypal and Western union etc.
For samples: payment in advance.
For mass production: 50% deposit and 50% balance before shipment.

Q: What is the lead time of the products?

A: Samples in stock will be sent within 3 days after payment.
Two to Four weeks for mass production

Q: How long is the warranty period?

A: Generally the warranty period is one year. It depends on different products.

Q: What is the Product MOQ?

A: Different product has the different MOQ, please contact us sales for detailed information.

Q: What's your after-sale service?

A: If any problems, you will get our reply within 24 hours. Solution will be offered instantly by our professional technical team.

Q: Can you provide OEM service?

A: yes, we can provide both OEM and ODM service,can customize products according to the drawings you supply

Q: How can I trust your product quality?

A: The company has advanced the incoming inspection, on-line test and reliability test equipment and system, the company products through the ROHS,CE testing

If you have more question , Please contact us now, we look forward to communicating with you !



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