

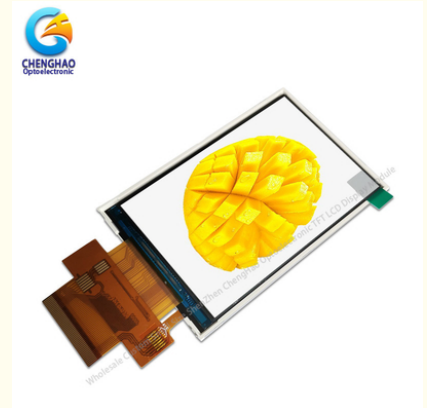


9 Bit LCD Display Module 3.5 Inch I80 System 320x480 RGB 300cd/m2 CTP

Our Product Introduction

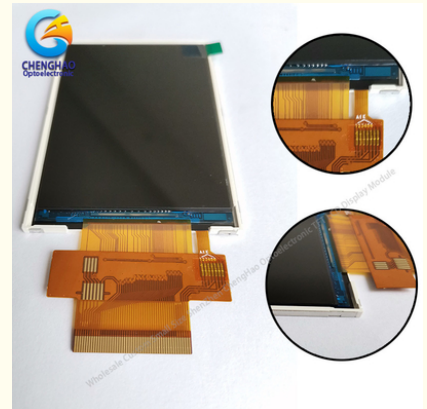
Basic Information

- Place of Origin: ShenZhen, China
- Brand Name: Chenghao/Oem
- Certification: ROHS ISO9001 CE
- Model Number: CH350HV40A
- 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

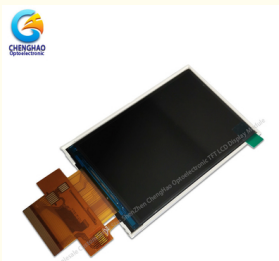


Product Specification

- Product Name: 3.5 Inch Tft Screen
- Module Size: 56.54(W)×84.96(H)×2.4(T) Mm
- Active Area: 48.96(W)×73.44(H)
- Dotpitch: 0.153(W)×0.153(H)
- Interface: 4-lines_8bit / 3-lines_9bit SPI
- Operating Temperature: -20~+70 °C
- Highlight: 9 Bit LCD Display Module,
I80 System LCD Display Module,
300cd/m2 CTP TFT LCD Screen



More Images



Product Description

1. Specification

ITEM	STANDARD VALUES	UNITS
LCD type	3.5" TFT	--
Dot arrangement	320(RGB)× 480	dots
Driver IC	ILI9488	--
Module size	56.54(W)×84.96(H)×2.4(T)	mm
Active area	48.96(W)×73.44(H)	mm
Dot pitch	0.153(W)×0.153(H)	mm
Operating temperature	- 20 ~ + 70	°C
Storage temperature	- 30 ~ + 80	°C
Back Light	6 White LED In Paralle	--
Weight	TBD	g

2. Description

ChengHao Display model CH350HV40A 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 3.5 (vertical screen) inch diagonally measured active display area with 320 horizontal by 480 vertical pixel .

The driver used for this project is the ILI9488 and can display 262K 65K / 16.7M colors by signal input. The driver is mounted on the glass and the interconnection via FPC including components to drive the display module. Support 4-lines_8bit / 3-lines_9bit SPI / 8-/ 9-/16-/18-bit 8080system interface / SPI +16-/18-bit RGB interface.

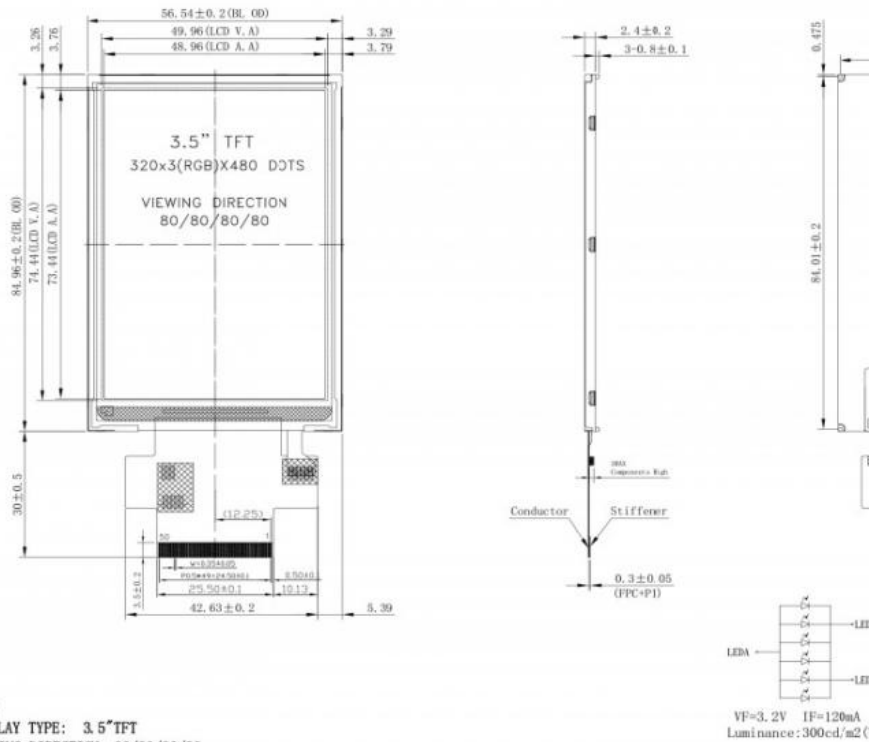
In addition, FPC can also be customized according to customer requirements, such as modifying back-light and CTP structure, interface definition, etc.

RoHS Compliance & Halogen Free.

3. Drawings

Notes:

- (1) Display Type : 3.5 inch TFT
- (2) Viewing Direction : All Viewing Angle
- (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



NOTES:

1. DISPLAY TYPE: 3.5" TFT
2. VIEWING DIRECTION: 80/80/80/80
3. LCD DRIVE IC: ILI9488
4. POLARIZER MODE: TRANSMISSIVE/NEGATIVE
5. OPERATING TEMP: -20° C~+70° C
6. STORAGE TEMP: -30° C~+80° C
7. UNMARKER TOLERANCE: ± 0.20
8. REQUIREMENTS ON ENVIRONMENTAL PROTECTION: RoHS

			MODEL	CH3
			DRAWING	LGZ
			CHECK	
VO	NEW	2021.07.25	APPROVE	
REV.	CONTENT	DATA	TOLERANCE	

4. Quick Detail

- * LCD name: High Quality 3.5 Inch Tft Screen I80 System 9 Bit Interface 320x480 RGB LCD Display
- * Part No.: CH350HV40A
- * Size : 3.5 inch
- * With touch panel or not: No
- * Support Touch type: Capacitive / Resistive Touch Panel
- * Display type: 3.5" TFT
- * Resolution (pixels): 320(RGB)*480
- * Viewing direction : 80/80/80/80
- * TFT Controller IC : ILI9488
- * LCM outline : $56.54(W) \times 84.96(H) \times 2.4(T)$ mm
- * Active area : $48.96(W) \times 73.44(H)$ mm
- * Pixel pitch: $0.153(W) \times 0.153(H)$ mm
- * Interface :
 - 4-lines_8bit SPI
 - 3-lines_9bit SPI
 - 8 bit 8080 system interface
 - 9 bit 8080 system interface
 - 16 bit 8080 system interface
 - 18 bit 8080 system interface
 - SPI +16-bit RGB interface
 - SPI +18-bit RGB interface
- * Operating temperature : -20~+70 °C
- * Storage temperature : -30~+80 °C
- * Back Light : 6 White LED
- * Weight : TBD g
- * Display mode: IPS/ Transmissive/ NormallyBlack
- * Luminance: 300 cd/m²
- * Connecting type: Connector type
- * Input voltage: 3.2 V
- * Operation Voltage : 2.9~3.5 V
- * LED Life span: 20000h

5. Application



6. Our Service

- (1) Remote technical support: We have our own R&D engineers, who can answer all questions about product technology of cooperative customers at any time, and can also provide technical support for customers' special projects;
- (2) 24-hour online customer service: Our customer service has rich experience in overseas customer service and can communicate with customers in English to ensure that your contact channel with us is unimpeded.

8. FAQ

Q1. Who are we?

We are based in Guangdong China, start from 2015, sell to
 Western Europe (35.00%)
 Oceania (25.00%)
 North America (13.00%)
 South America (7.00%)
 Southeast Asia (7.00%)
 Northern Europe (7.00%)
 Southern Europe (4.00%)
 Domestic Market (2.00%).
 There are total about 30 people in our office.

Q2 How can we guarantee quality?

Always a pre-production sample before mass production;
 Always final Inspection before shipment.

Q3. What can you buy from us?

Color TFT LCD, Touch Panel Modules, Pcap & Cover Glass, Monochrome LCD, Converter Board.

Q4. Why should you buy from us not from other suppliers?

CHENGHAO LCD is a national high-tech enterprise which established in year 2016. We are committed to research and development, manufacturing and sales of LCD screens, touch screens and comprehensive display solutions.

Q5. What services can we provide?

Accepted Delivery Terms: FOB, CIF, EXW, FCA, DDP, Express Delivery;
 Accepted Payment Currency: USD, CNY;
 Accepted Payment Type: T/T, L/C, MoneyGram, Credit Card, PayPal, Western Union, Cash;
 Language Spoken: English, Chinese

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





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