



240X320 Colour LCD Display Module 20 Pin MIPI Interface 2.8" TFT LCD Screen

Our Product Introduction

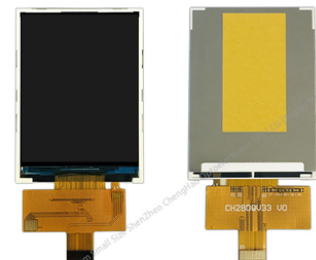
Basic Information

- Place of Origin: ShenZhen, China
- Brand Name: Chenghao/Oem
- Certification: ROHS ISO9001 CE
- Model Number: CH280QV33A
- 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: Colour Lcd Display Module
- TFT Active Area: 43.2(W)*57.6(H)mm
- Interface: MIPI
- Luminance: 300cd/m2
- Resolution: 240x320 Dots
- Module Type: 2.8" TFT
- Luminance: 300 Nits
- Highlight: **240X320 Colour Lcd Display Module, MIPI Interface Lcd Display Module, 20 Pin MIPI Tft Lcd Screen**



Product Description

240*320 Colour Lcd Display Module 20 Pin MIPI Interface 2.8" Tft |Lcd Screen

1. Specification of Colour Lcd Module

Part No.	CH280QV33A
Size	2.8 inch
Resolution	240*320 dots
Outline Dimension	50.0(W)*69.2(H)*2.35(T)mm
Active Area	43.2(W)*57.6(H)mm
Interface	MIPI
IC	JD9852
FPC	20 PIN
Working temperature	-20°C ~ 70°C
Storage temperature	-20°C ~ 70°C
Sample delivery time	10 days

2. Description of Small Lcd Display Module

ChengHao Display model CH280QV33A 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 2.8 (portrait) inch diagonally measured active display area with 240(RGB)*320 Dot resolution. This TFT LCD Module adopts IPS/Transmissive/Normally Black display mode, which makes it come with 70/70/70 /70 All Viewing Direction. The driver IC used for this project is the JD9852 and can display 262K / 65K (optional) colors by R.G.B. signal input. The driver IC is mounted on the glass and the interconnection via FPC including components to drive the display module. Support MIPI interface.

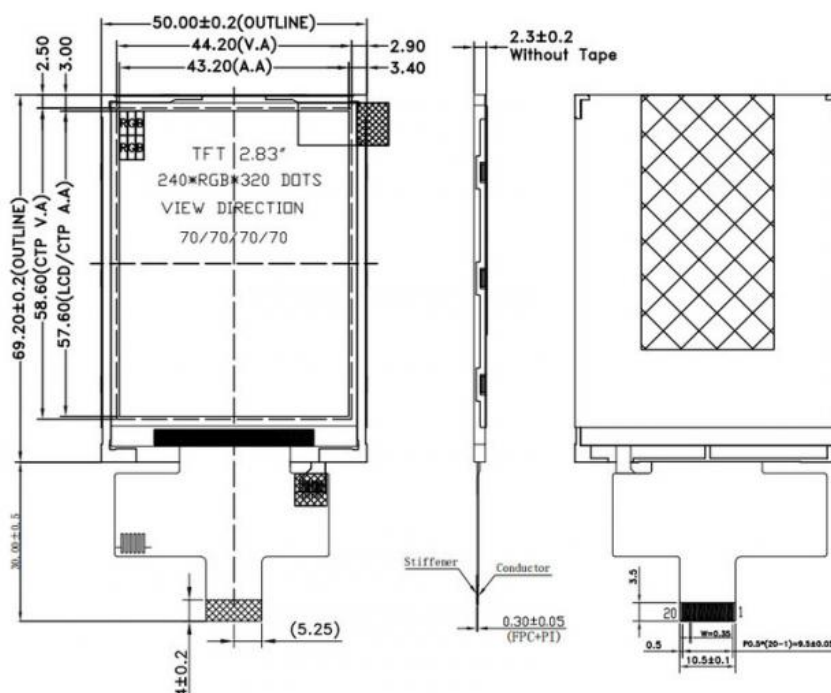
In addition, FPC can also be customized according to customer requirements, such as modifying back-light and interface definition, etc.

RoHS Compliance & Halogen Free.

3. Drawings of Lcd Graphic Module

Notes:

- (1) Display Type : 2.8" Tft
- (2) Viewing Direction : All
- (3) Lcd Drive IC : JD9852
- (4) Polarizer Mode : IPS / Transmission / Normally Black
- (5) Operating Temp : -20~70 °C
- (6) Storage Temp : -30~80 °C
- (7) Unmarker Tolerance: ± 0.20
- (8) Protection : ROHS



4. Quick Detail of Tft Lcd Display

- * LCD name: 240*320 Colour Lcd Display Module 20 Pin MIPI Interface 2.8" Tft Lcd Screen
- * Part No.: CH280QV33A
- * Size.: 2.8"
- * Support Touch type: Capacitive Or Resistive Touch Panle
- * Display type: 2.8"TFT
- * Display colors: 65K / 262K (optional)
- * Resolution (pixels): 240*320
- * Viewing direction: All
- * Controller IC: JD9852
- * Display mode: IPS/Transmissive/ Normally Black
- * Overall size: 50.0*69.2*2.35 mm
- * Active Area: 43.2*57.6 mm
- * Luminance: 300 Nits
- * Contrast: 800:1
- * Interface type: MIPI
- * Pin NO.: 20 pins
- * Pin pitch: 0.35 mm
- * Connecting type: Connector
- * Backlight type : 4 LED In parallel
- If=60mA, Vf =3.0~3.3V
- * LED Life span: 20000h

5. Application of Lcd Screen Module

Our products are used in a wide range of applications, such as electronic equipment, medical equipment, industrial equipment and smart home.



6. Our Advantage

- (1) Fully / Semi-automated production line ensure the best quality.
- (2) Custom Design,can specially meet your needs.
- (3) Fast Delivery ,about 20 days for lead time
- (4) Samples available on request; Small MOQ orders can be negotiated.
- (5) Provide best pre-sale and after-sale service to you.



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