



All Viewing Direction Custom LCD Screen 240X320 Resolution 2.8 Inch TFT Display

Our Product Introduction

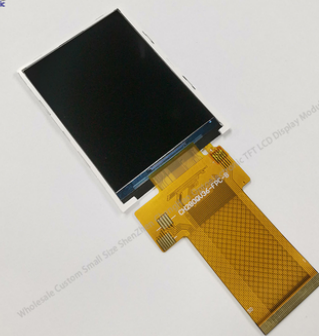
Basic Information

- Place of Origin: ShenZhen, China
- Brand Name: Chenghao/Oem
- Certification: ROHS ISO9001 CE
- Model Number: CH280QV36A
- 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

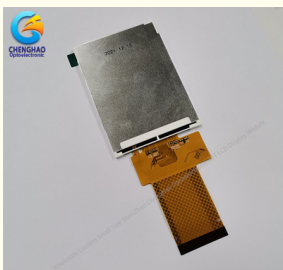


Product Specification

- Product Name: Custom Lcd Screen
- LCD Type: 2.8" TFT
- Dot Arrangement: 240(RGB)×320 Dots
- Color Filter Array: RGB Vertical Stripe
- Display Mode: IPS / Transmission / Normally Black
- Viewing Direction: 80/80/80/80
- Driver IC: ILI9341V
- Highlight: 2.8 inch TFT Custom Lcd Screen, Custom Lcd Screen 240X320 Resolution, All Viewing Direction 2.8 inch Tft Display



More Images



Product Description

All Viewing Direction Custom Lcd Screen 2.8 Inch 240*320 Resolution Color Lcd Screen

1. Specification of 2.8 inch Tft Display

MODEL NO.	CH280QV36A
Module type	2.8" TFT
Display Mode	IPS / Transmission / Normally Black
Number of Dots	240(RGB)×320
Viewing Direction	80/80/80/80
Module size	50.0(W)×69.2(H)×2.35(T) mm
TFT Active area	43.2(W)×57.6(H) mm
Interface	SPI interface 8080-series system interface SPI+RGB
Luminance	300 cd/m2

2. Description of 2.8 inch Lcd Screen

* (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 resolution. The driver used for this project is the ILI9341 and can display 262K / 65 K colors by R.G.B. signal input. The driver is mounted on the glass and the interconnection via FPC including components to drive the display module. The following interfaces are supported:

- (1) 4-lines_8bit / 3-lines_9bit SPI
- (2) 8-/9-/16-/18-bit 8080-series system interface
- (3) SPI + 6-/16-/18-bit RGB interface

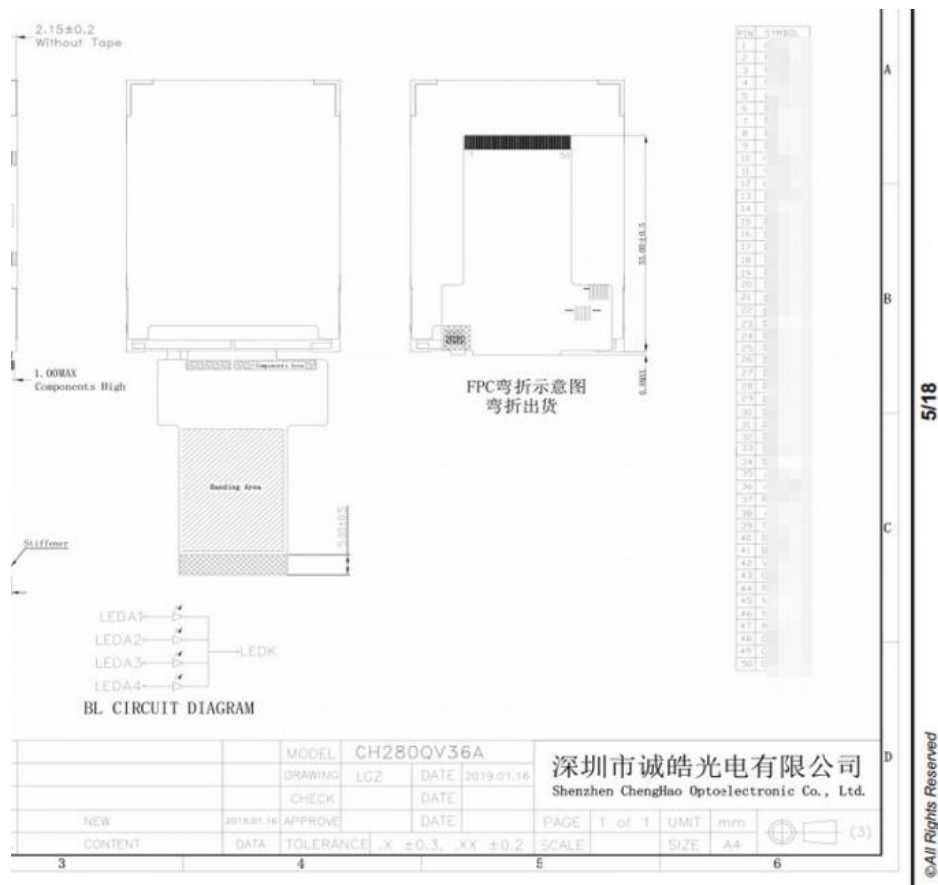
* In addition, FPC can also be customized according to customer requirements, such as modifying back-light and interface definition, etc.

* RoHS Compliance & Halogen Free.

3. Drawings of Tft Lcd Display

Notes:

- (1) Display Type : 2.8" TFT
- (2) Viewing Direction : 80/80/80/80
- (3) Lcd Drive IC : ILI9341
- (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



Contact Us to get the Detailed Datasheet

[Please Click Here](#)

4. Quick Detail of Lcd Display Panel

- * LCD name: All Viewing Direction Custom Lcd Screen 2.8 Inch 240*320 Resolution Color Lcd Screen
- * Part No.: CH280QV36A
- * Size.: 2.8 inch
- * With or without touch panel: No
- * Support Touch type: Capacitive touch panel or Resistive touch panel
- * Display type: 2.8" Tft
- * Color filter array: RGB vertical stripe
- * Display colors: 65K / 262K
- * Resolution (pixels): 240(RGB)*320
- * Viewing direction: 80/80/80/80
- * Controller IC: ILI9341V
- * Display mode: IPS / Transmission / Normally Black
- * Overall size: 50.0(W)×69.2(H)×2.35(T) mm
- * Active Area: 43.2(W)×57.6(H) mm
- * Luminance: 300 cd/m2
- * Contrast: 800:1
- * Interface type:
 - 4-lines_8bit / 3-lines_9bit SPI
 - 8-/ 9-/16-/18-bit 8080-series system interface
 - SPI + 6-/16-/18-bit RGB interface
- * Pin NO.: 50 Pin
- * Pin pitch: 0.18(W)×0.18(H) mm
- * Connecting type: Connector
- * Backlight type : 4 White LED In Parallel
- * LED Life span: 20000h
- * Weight: TBD g
- * Operating Temperature : -20~ +70 °C
- * Storage Temperature : -30~ +80 °C

5. Application of Industrial Tft Lcd

Products are widely used in general communications, household appliances, industrial control, medical equipment, POS machines, instruments, meters, GPS navigation, digital photo frames, netbooks, financial electronics, communication electronics, consumer electronics, information appliances, culture, education, sports and entertainment, etc. field. Such as attendance machine, fingerprint device, access control machine, stock machine, walkie-talkie, video doorbell, learning machine, point reading machine, GPS navigator, and so on .

Application



Consumer Electronics



Instrument Panel



HMI



Smart Home



Medical Equipment



Automotive Equipment

6. Products Quality Assurance

(1)High-quality raw material supplier :

after-sales guarantee and long-term stable supplier, LCD panel and Driver IC made of A-regulated raw materials.

(2)Other materials:

such as polarizers, backlight film materials, etc. We also use brand new A-regulated raw materials

(3)Strict quality control:

Through rate up to 98.5%,Customer online defect rate as low as 0.3%.

Inspection is done in FOG==>LCM==>LCM+RTP/CTP==> production online inspection ==>Q.C inspection==>aging test 4 hours with load in 60 °C special room (as option)==>OQC.

A product must pass 5 tests before shipment: incoming inspection, 100% online inspection, QC on-site inspection, aging test and OQC inspection, etc.



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