



2.8" IPS Display Screen 50 Pin 4 Line 8 Bit SPI LCD Module With ILI9341 Driver IC

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: Ips Display Screen
- Module Size: 50.0(W)×69.2(H)×2.35(T) Mm
- Active Area: 43.2(W)×57.6(H) Mm
- Dot Pitch: 0.18(W)×0.18(H)
- Interface: SPI+RGB
- Operating Temperature: -20 ~ +70
- Storage Temperature: -30 ~ +80
- Highlight: **2.8" IPS Display Screen ,
50 Pin SPI IPS Display Screen ,
4 line 8bit SPI LCD module**



More Images



Product Description

2.8" Ips Display Screen Wide Temp 50 Pin 4 Line 8 Bit SPI Lcd Module With ILI9341 Driver IC

1. Specification of Industrial Lcd Screen

Type:	TFT
Viewing Direction:	80/80/80/80
Connection type:	COG+FPC
Operating temperature:	30°C~80°C
Storage temperature:	30°C~80°C
Driver IC:	ILI9341
Interface type:	SPI+RGB
Brightness:	300 CD/

2. Description of Industrial Lcd Monitor

* (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 Lcd Screen Module has a 2.8 (portrait screen) inch diagonally measured active display area with 240*320 Dot resolution. The backlight module uses 4 White LED In Parallel as light source, which makes the backlight brightness reach 300 nits. 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) SPI
- (2) 8080-series system interface
- (3) SPI + RGB interface

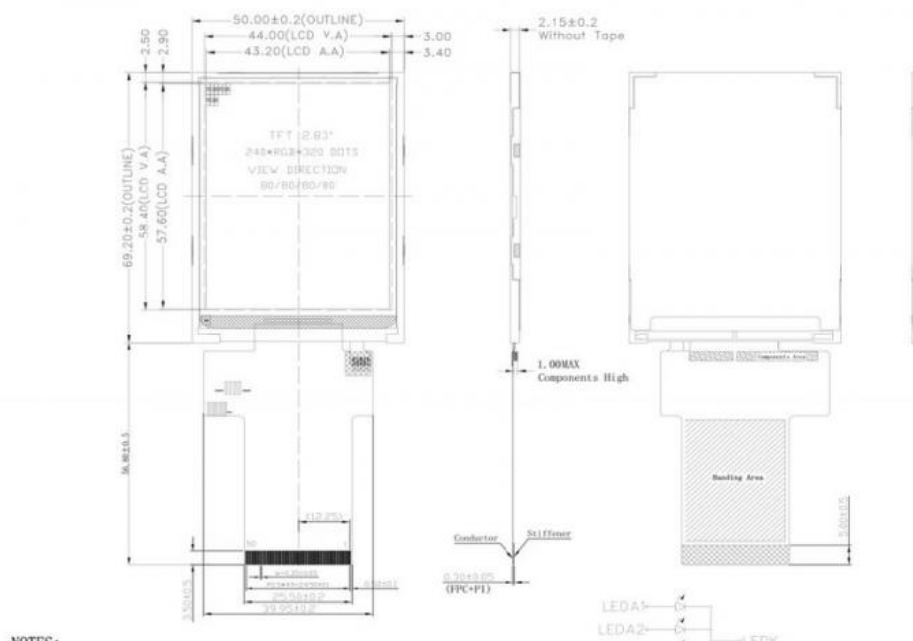
In addition, FPC can also be customized according to customer requirements, such as modifying back-light and interface definition, etc.

RoHS Compliance & Halogen Free.

3. Drawings of Industrial Lcd Panel

Notes:

- (1) Display Type : 2.8" TFT
- (2) Viewing Direction : All Viewing Direction
- (3) Lcd Drive IC : ILI9341V
- (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

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4. Quick Detail of Industrial Lcd Monitor

- * LCD name: 2.8" Ips Display Screen Wide Temp 50 Pin 4 Line 8 Bit SPI Lcd Module With ILI9341 Driver IC
- * Part No.: CH280QV36A
- * Size.: 2.8 inch
- * With or without touch panel: No
- * Support Touch type: CTP or RTP
- * Display type: 2.8" Tft
- * Color filter array: RGB vertical stripe
- * Display colors: 65K / 262K (optional)
- * Resolution : 240*320 dots
- * Viewing direction: All Viewing Direction
- * Controller IC: ILI9341
- * Display mode: IPS / Transmission / Normally Black
- * Overall size: 50.0×69.2×2.35 mm
- * Active Area: 43.2×57.6 mm
- * Luminance: 300 Nit
- * Contrast: 800:1
- * Interface type:
SPI Interface
8080-series system interface
RGB interface
- * Pin NO.: 50 Pin
- * Pin pitch: 0.18×0.18 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 Lcd

- * Products are widely used in general communications, household appliances, industrial control, medical equipment, POS machines, instrumentation, GPS navigation, digital photo frames, netbooks, financial electronics, communication electronics, consumer electronics, information appliances, culture, education, sports and entertainment and other fields .
- * ODM/OEM acceptable Various LCD Display Mode with different backlight color and temperature range available



6. General Clauses

MOQ:	1 pcs
Lead time:	Samples in stocks within 7 days, 3~6 weeks for mass production
Trade Terms :	EXW or FOB
Payment:	100% Paypal or T/T or Western union in advance for samples
Warranty:	12 months
Package:	Plastic Tray+Anti-Static Foam+Paper Card+Vacuum Bag+Carton



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