50 Pin Thin Film Transistor Display 3 Lines 9bit SPI Multi Interface Small LCD Module

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: Thin Film Transistor Display
- Resolution: 240*320 Dots
- Controll Center: ILI9341
- Viewing Direction: All Viewing Direction
- Back Light: 4 White LED In Parallel
- Weight: TBD G
- Highlight: **50 Pin Thin Film Transistor Display** , **SPI interface Thin Film Transistor Display** , **3 lines SPI small lcd module**

Product Description

50 Pin Thin Film Transistor Display 3 Lines 9bit SPI Multi Interface Small Lcd Module

1. Specification of Color Tft Screen

ITEM	STANDARD VALUES	UNITS
LCD type	2.8"TFT	--
Dot arrangement	240(RGB)× 320	dots
Driver IC	ILI9341V	--
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)	mm
Operating temperature	- 20 ~ + 70	°C
Storage temperature	- 30 ~ + 80	°C
Back Light	4 White LED In Parallel	--
Weight	TBD	g

2. Description of Color Tft 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 Display Module has a 2.8 inch portrait display area and adopts IPS / Transmission / Normally Black display mode, which makes TFT Lcd Module with 80/80/80/80 full viewing angle. ILI9341 mounted on glass Used as the driver IC of the module, the TFT LCD module can display 262K / 65K colors by inputting RGB signals to the driver IC. The backlight group of the Tft Lcd Display Module uses 4 White LED In Parallel as the light source, which makes the backlight of the module Brightness reaches 300 cd/m2.
* The following interfaces are supported:
    (1) SPI
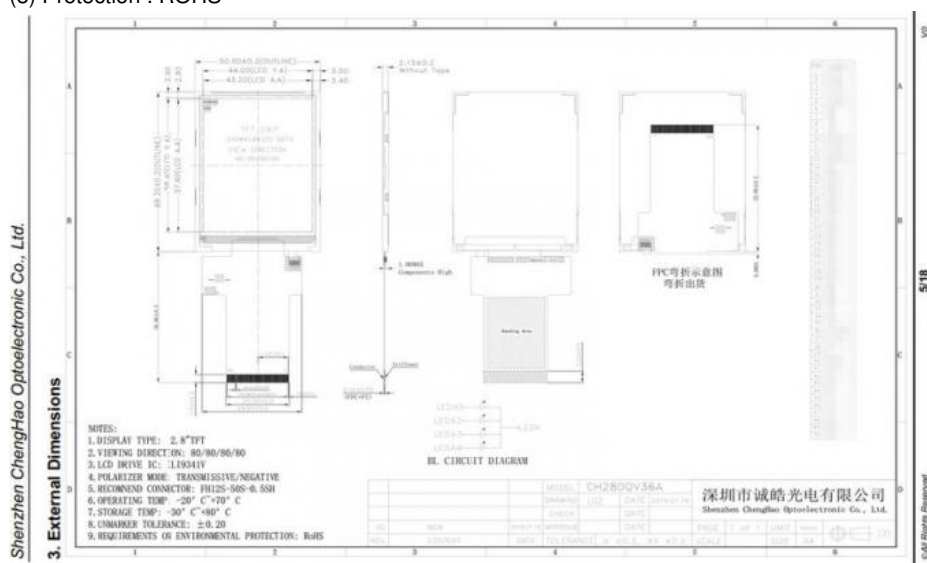   (2) 8080-series system interface
    (3) SPI + RGB interface
* In addition, FPC can also be customized according to customer requirements, such as modifying back-light and interface definition, etc.
* RoHS Compliance & Halogen Free.

3. Drawings of Spi Lcd Display

Notes:
(1) Display Type : 2.8 Inc TFT
(2) Viewing Direction : 80/80/80/80
(3) Lcd Drive IC : ILI9341
(4) Polarizer Mode : IPS/ Transmission / Normally Blcak
(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 Display

* LCD name: 50 Pin Thin Film Transistor Display 3 Lines 9bit SPI Multi Interface Small Lcd Module
* MODEL 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
* Colors: 65K / 262K (optional)
* Resolution : 240*320 dots
* Viewing direction: All Viewing Direction
* Controller IC: ILI9341
* Display mode: IPS / Transmission / Normally Black
* Outline Dimension: 50.0×69.2×2.35 mm
* Display Area: 43.2×57.6 mm
* Luminance: 300 Nit
* 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
* TFT Dot 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 ℃
* Storage Temperature : -30~ +80 ℃

5. Application of TFT SPI Display

Telecommunication Devices: Telephone,interphone,watch,tablet PC,radio,etc
Consumer Products: Camera,DVD player,toy, Cell Phone,game player,etc
Technical Equipment: Elevator controller,Industrial machine,etc
Office Automation: Printer,scanner,attendance machine,fax machine,etc
Home Appliances: Air-condition display,refrigerator,electric cooker,video doorbell,etc
Automobile: GPS,video player,speedometer,audio broadcast,etc
IT Products: Camera,handheld digital video,projector,media play,tablet PC,etc
Medical Equipment: Ultrasound machine,therapeutic equipment Blood pressure meter,etc

6. Our Service

1.We provide one-year product after-sales guarantee service to all customers who purchase our products.
2. For any technical problems encountered by customers in the process of testing or using our products, our technical team will provide customers with remote online technical support services at any time.
3. We are a factory-type supplier with ISO certification. Our products on sale have undergone strict quality inspection and testing before shipment, and have also passed CE/ROHS certification.
4. We have a professional after-sales service team, which can provide strong guarantee and logistical technical services for your orders.

5. Replacement within 30 days after the shipment of products from us due to products' problems.
6. We have long cooperation with many shipping companies and our export volume is large. The shipping companies can offer us good discounts.
7. All goods will be inspected and tested before shipment.
8. Customer`s satisfactory is most important to us.If you have any problem or questions regarding our transaction.Please contact us by Email. It will be responded within 24 hours.

Shenzhen ChengHao Optoelectronic Co., Ltd.

+86 755-27806536   add@chenghaolcm.com   chenghaolcd.com

7th floor, building C5, Hengfeng Industrial City, Hangcheng street, Bao'an District, Shenzhen