



1.9 Tft Ips Lcd Display Module 170x320 Qvga MCU SPI Interface

Our Product Introduction

Basic Information

- Place of Origin: ShenZhen, China
- Brand Name: Chenghao/Oem
- Certification: ROHS ISO9001 CE
- Model Number: CH190QV01A
- 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: 1.9 Tft
- Module Size: 25.8(W)×49.72(H)×1.43(T) Mm
- Active Area: 22.7(W)×42.72(H) Mm
- Dot Pitch: 0.1335(W)×0.1335(H) Mm
- Interface: Mcu/SPI
- Operating Temp: -20 ~ +70 °C
- Storage Temp: -30 ~ +80 °C
- Back Light: 4 White LED
- Highlight: 1.9 Tft IPS LCD Display ,
170x320 dots IPS LCD Display ,
400 cd/m2 Ips Lcd Display Module



More Images



1.9 Tft Ips Lcd Display Module 170x320 Qvga Mcu Spi Interface

Display Type	CH190QV01A
Display model	IPS / Transmissive / Normally Black
Display Resolution	170*320 dots
Contrast	800
Overall Size	25.8(W)×49.72(H)×1.43(T) mm
Active Area (A.A)	22.7(W)×42.72(H) mm
Luminance	400 cd/m ²

ChengHao Display model CH190QV01A is a color active matrix thin film transistor (TFT) liquid crystal display (LCD) using amorphous silicon TFTs as switching devices. This model is composed of LCD panel, driver IC, backlight and FPC. The Lcd Panel belongs to TFT type (vertical screen), adopts IPS display technology, and the best viewing angle is full viewing angle (80/80/80/80). There is a 1.9 inch dot matrix area of this tft lcd panel, capable of displaying video images of 170 (RGB)*320 pixels.

FPC can be customized according to customer requirements, including shape structure, interface definition, etc.

Notes:

- (1) Display Type : 1.9 inch TFT
- (2) Viewing Direction : 80/80/80/80
- (3) Operating Temp : -20~70 °C
- (4) Storage Temp : -30~80 °C
- (5) Unmarker Tolerance: ± 0.20
- (6) Protection : ROHS



- * Module Name: 1.9 Tft Ips Lcd Display Module 170x320 Qvga MCU SPI Interface
* MODEL NO. :CH190QV01A
* Module type:1.9inch TFT
* Display Mode:IPS / Transmissive / Normally Black
* Number of Dots:170*320
* Module size:25.8(W)×49.72(H)×1.43(T) mm
* TFT Active area:22.7(W)×42.72(H) mm
* TFT Interface:
8080-8bit MCU interface
4-line 8bits SPI

- * Color : 262K
- * Contrast : 800
- * VIEWING DIRECTION: 80/80/80/80
- * LCD DRIVE IC: ST7789
- * POLARIZER MODE: TRANSMISSIVE/ Negative
- * OPERATING TEMP: -20°C~+70°C
- * STORAGE TEMP: -30°C~+80°C
- * UNMARKER TOLERANCE: ± 0.20
- * REQUIREMENTS ON ENVIRONMENTAL PROTECTION: RoHS

NEW

- * FPC Number:30pin
- * Back light Type:4 White LED
- * Life Time:20000 Hr
- * BL CIRCUIT DIAGRAM:
- * Luminance: 400 cd/m2

5. Application



6. FAQ

Q1: What type of interface is your display screen?

A: Small sized of displays generally support SPI,MCU,RGB,MIPI.Medium sized displays generally support LVDS,MIPI,EDP.Different specifications use different interfaces.

Q2: Do you used capacitive touch screen or resistive touch screen.

A: We have capacitive touch screen and resistive touch screen .

Q3: What is your sample policy?

A: If there is stock,you can sample at any time,if there is no stock,it will take some time,and then wait for the materials to come back to sample. But the customer needs to pay the sample fee and express fee.

Q4: How long is your lead time for mass production?

A: It takes about 20 - 45 working days for mass production,depending on the model and order quantity.

Q5: How to ensure long-term stable delivery?

A: First,we will recommend products that can be delivered for a long time to customers,and second,we will have a large number of stocks in advance for a long time.

Q6: What is your mode of payment for mass production?

A: Generally,after receiving 50%-100% deposit from customers,they begin to prepare materials. Delivery is about 5 working days after receipt of the final payment.

Q7: Will you inspect the goods before delivery?

A: Yes, we'll ship the goods after 100% inspection.



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