2.4 Inch TFT LCD Module 240x320 Dots Positive LCD Display Screen 24Pin Connector

Our Product Introduction

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Basic Information

- Place of Origin: ShenZhen, China
- Brand Name: Chenghao/Oem
- Certification: ROHS ISO9001 CE
- Model Number: CH240QV22C
- 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
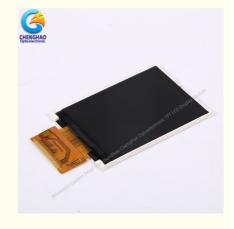
- Product Name: 2.4 Inch Tft Lcd Module
- Resolution: 240x320 Dots
- Color: 262K/65K
- Display Mode: Normally White TN,Transmissive
- Viewing: 6:00
- Connection: Connector
- Pin Number: 24 Pin
- Highlight: **240x320 dots TFT LCD Module**,
  24Pin Connector TFT LCD Module,
  2.4 Inch Positive LCD display screen

Product Description

2.4 Inch Tft Lcd Module 2.4'' 240*320 Positive Lcd Display Screen

1. Specification of Lcd Module Tft

Display Type	TFT-LCD
Display model	CH240QV22C
Pixel Configuration	RGB Stripe
Display Resolution	240(RGB)×320
Contrast	500:1 (Typ.) (TM)
Overall Size	42.72(W)*60.26(H)*2.3(T) mm
Active Area (A.A)	36.72(W)*48.96(H) mm
Luminace	300 nits
Viewing Direction	6 O' clock
Interface	MCU (optional)

2. Description of Color Lcd Display Module

CH240QV22C 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.

The Tft Lcd module has a 2.4 (vertical screen) inch diagonally measured active display area with 240*320 resolution, using the MCU interface as the signal input interface, can display 262K / 65K color. At the same time, using ST7789 as the control center of the module , In addition, the backlight component of this TFT LCD Module contains 4 pieces of white LCE lamp beads, which allows the TFT LCD module to generate a backlight brightness of 300 cd/m2.

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

RoHS Compliance & Halogen Free.

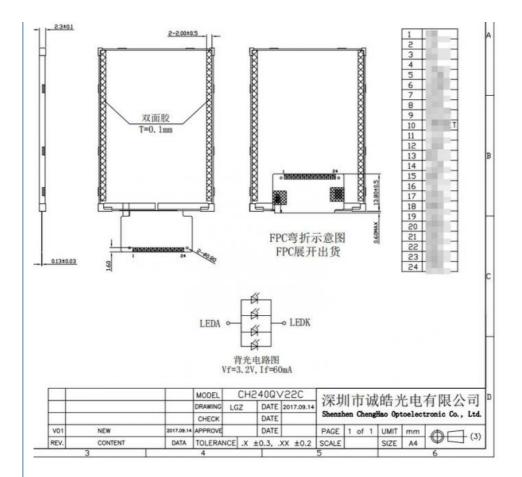### 3. Drawings of 2.4'' Min Lcd Display Module

Notes:
(1) Display Type : 2.4 inch Tft lcd
(2) Viewing Direction : 6:00
(3) Control Center : ST7789
(4) Polarizer Mode : TN / Transmission / Normally White
(5) Operating Temp : -20~70 ℃
(6) Storage Temp : -30~80 ℃
(7) Unmarker Tolerance: ±0.20
(8) Protection : ROHS

双面胶
T=0.1mm

FPC弯折示意图
FPC展开出货

LEDA —— LEDK

背光电路图
Vf=3.2V, If=60mA

		MODEL	CH240QV22C	深圳市诚皓光电有限公司
		DRAWING	LGZ	DATE	2017.09.14	Shenzhen ChengHao Optoelectronic Co., Ltd.
		CHECK		DATE		
V01	NEW	2017.09.14	APPROVE		DATE		PAGE	1 of 1	UMIT	mm
REV.	CONTENT	DATA	TOLERANCE	.X ±0.3, .XX ±0.2	SCALE		SIZE	A4	(3)

4. Application of Lcd monitor Module

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

5. Why Choose Us ?

(1) We provide at least one year's product warranty service for all cooperative customers' orders, please consult our online customer service for details;

(2) All our products have undergone strict quality inspection procedures such as power-on test/mirror inspection before leaving the factory, which ensures that our defective rate is reduced by less than 0.3%.

(3) If the customer needs, we can provide free CE/ROHS and other certification services for cooperative products;

(4) Each of our TFT lcd Modules has a small amount of stock. If you need samples, you can ask for them from our customer service. We can refund you the sample fee when you establish cooperation with us in the later stage.

Shenzhen ChengHao Optoelectronic Co., Ltd.

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