



ROHS FPC 2.4in Small LCD Touch Screen 240*320 SPI MCU RGB

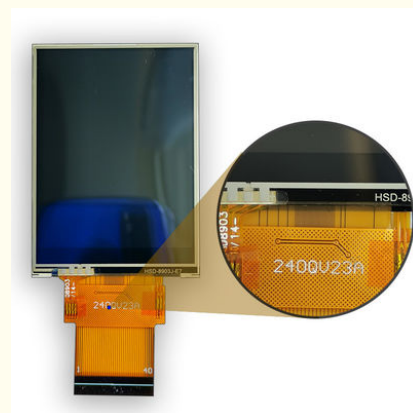
Basic Information

- Place of Origin: ShenZhen, China
- Brand Name: 2.4 Inch
- Certification: ROHS ISO9001 CE
- Model Number: CH240QV29A-T
- 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: 200Kpcs/month
- Payment Terms: T/T

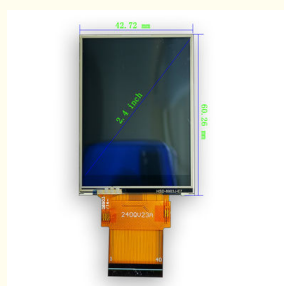


Product Specification

- Module Type: 2.4"TFT + RTP
- Display Mode: TN/Transmissive/Normally White
- Number Of Dots: 240*3(RGB)*320
- Viewing Direction: 6 O'clock
- Module Size: 42.72(W)*60.26(H)*3.5(T)mm
- TFT Active Area: 36.72(W)*48.96(H)mm
- Interface: SPI MCU SPI+RGB
- Luminance: 300cd/m2
- Min. Order: 2 Pieces
- Highlight: 2.4in Small LCD Touch Screen, FPC Small LCD Touch Screen, MCU RGB TFT LCD Module



More Images



Product Description

2.4 inch ROHS certified Small LCD Touch Screen 240*320 Number of Dots LCD module SPI / MCU / SPI + RGB TFT Screen Panel

1.Product Information

MODEL NO.	CH240QV29A-T
Module type	2.4"TFT + RTP
Display Mode	TN/Transmissive/Normally white
Number of Dots	240*3(RGB)*320
Viewing Direction	6 o'clock
Module size	42.72(W)*60.26(H)*3.5(T)mm
TFT Active area	36.72(W)*48.96(H)mm
Interface	SPI,MCU,SPI+RGB
Luminance	300cd/m2

2. Product Description

ChengHao Display model CH240QV29A-T 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 circuit, a high brightness back-light, a resistive touch screen and FPC.

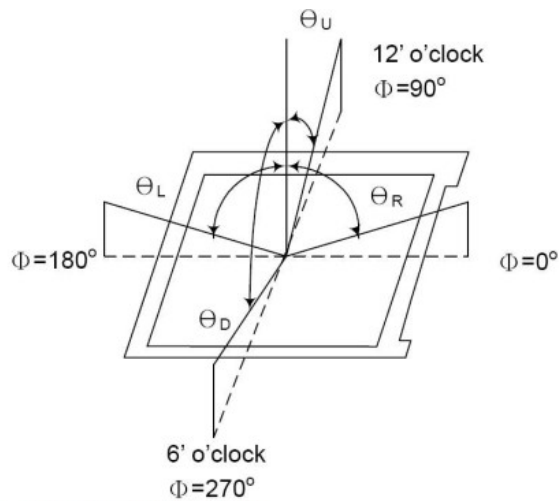
The TFT display is a color active matrix thin film transistor (TFT) liquid crystal display (LCD) that uses amorphous silicon TFT as a switching device. This TFT LCD has a 2.4 (4:3) inch diagonally measured active display area with QVGA (240 horizontal by 320 vertical pixel) resolution.

The driver used for this project is the ILITEK ILI9341V or compatible and can display 262K colors by 18 bit R.G.B. signal input. The driver is mounted on the glass and the interconnection via FPC including components to drive the display module.

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

RoHS Compliance & Halogen Free.

3.Product Drawings

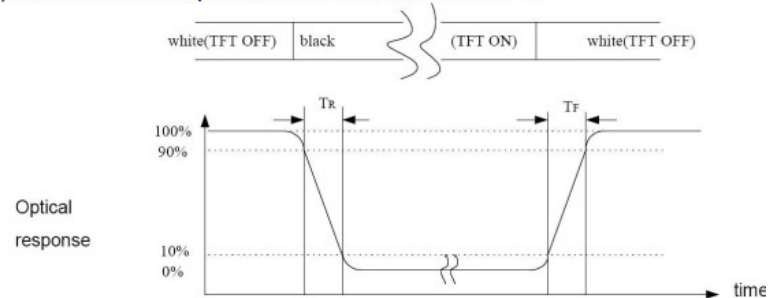


Note (2) Definition of Contrast Ratio(CR) :

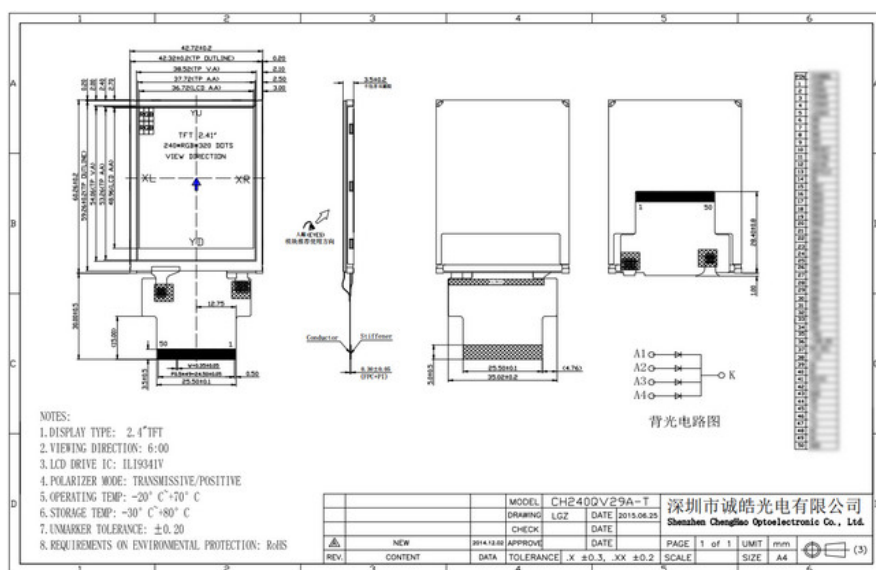
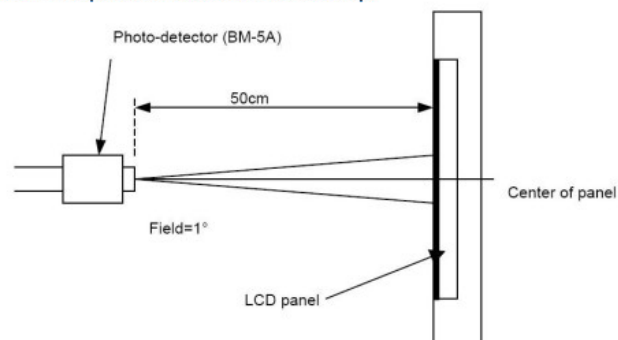
Measured at the center point of panel

$CR = \text{Luminance with all pixels white} / \text{Luminance with all pixels black}$

Note (3) Definition of Response Time : Sum of TR and TF



Note (4) Definition of optical measurement setup



4. Other Products

Module Type	Display Area	Display Mode
1.44 inch TFT LCD Display	25.50 * 26.50 mm	Normally White IPS, Transmissive

1.44 inch TFT LCD Display	25.50 * 26.50 mm	Normally White TN, Transmissive
1.50 inch TFT LCD Display	29.76 * 22.32 mm	Normally Black IPS, Transmissive
1.54 inch TFT LCD Display	27.72 * 27.72 mm	Normally Black IPS, Transmissive
1.54 inch TFT LCD Display	27.74 * 27.74 mm	Normally Black IPS, Transmissive
1.77 inch TFT LCD Display	28.03 * 35.04 mm	Normally White TN, Transmissive
1.80 inch TFT LCD Display	28.03 * 35.04 mm	Normally White TN, Transmissive
2.00 inch TFT LCD Display	30.60 * 40.80 mm	Normally White TN, Transmissive
2.10 inch TFT LCD Display	Circular display area	Normally White IPS, Transmissive
2.31 inch TFT LCD Display	46.75 * 35.06 mm	Normally White TN, Transmissive
2.40 inch TFT LCD Display	36.72 * 48.96 mm	Normally White TN, Transmissive
2.40 inch TFT LCD Display	36.72 * 48.96 mm	Normally White IPS, Transmissive
2.80 inch TFT LCD Display	43.20 * 57.60 mm	Normally White TN, Transmissive
2.80 inch TFT LCD Display	43.20 * 57.60 mm	Normally White IPS, Transmissive
3.00 inch TFT LCD Display	36.72 * 65.28 mm	Normally Black IPS, Transmissive
3.20 inch TFT LCD Display	48.60 * 64.80 mm	Normally White TN, Transmissive
3.50 inch TFT LCD Display	70.08 * 52.56 mm	Normally White TN, Transmissive
3.50 inch TFT LCD Display	70.08 * 52.56 mm	Normally Black IPS, Transmissive
4.00 inch TFT LCD Display	51.84 * 86.4 mm	Normally Black IPS, Transmissive
4.00 inch TFT LCD Display	71.86 * 70.18 mm	Normally Black IPS, Transmissive
4.30 inch TFT LCD Display	95.04 * 53.86 mm	Normally White TN, Transmissive
4.30 inch TFT LCD Display	95.04 * 53.86 mm	Normally Black IPS, Transmissive
5.00 inch TFT LCD Display	110.88 * 62.83 mm	Normally White TN, Transmissive
5.00 inch TFT LCD Display	108.00 * 64.80 mm	Normally Black IPS, Transmissive
5.50 inch TFT LCD Display	68.04 * 120.96 mm	Normally Black IPS, Transmissive
6.00 inch TFT LCD Display	74.52 * 132.48 mm	Normally Black IPS, Transmissive
7.00 inch TFT LCD Display	154.08 * 85.92 mm	Normally White TN, Transmissive
7.00 inch TFT LCD Display	153.6 * 90 mm	Normally White TN, Transmissive
7.00 inch TFT LCD Display	154.21 mm * 85.92 mm	Normally Black IPS, Transmissive
8.00 inch TFT LCD Display	107.64 * 172.22 mm	Normally Black IPS, Transmissive
9.00 inch TFT LCD Display	196.61 * 114.15 mm	Normally White TN, Transmissive
10.10 inch TFT LCD Display	135.36 * 216.58 mm	Normally Black IPS, Transmissive

5.Product Packaging



6.Express Shipping



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