MCU Ctp IPS LCD Panel 240x320 Dots 300nits 3 Lines 9 Bit 262k SPI
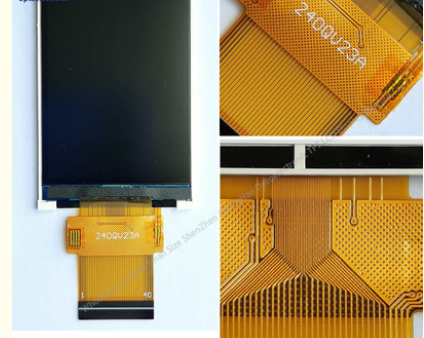
Basic Information

- Place of Origin: ShenZhen, China
- Brand Name: Chenghao/Oem
- Certification: ROHS ISO9001 CE
- Model Number: CH240QV23A
- 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: Outdoor Lcd Display Panel
- Driver IC: ST7789V
- Module Size: 42.72(W)×60.26(H)×2.3(T) Mm
- Active Area: 36.72(W)×48.96(H) Mm
- Interface: 6-/16-/18-bitRGB Interface
- Back Light: 4 White LED In Parallel
- Highlight: **MCU Ctp IPS LCD Panel**, **240x320 Dots IPS LCD Panel**, **3 Lines Ultra Thin Lcd Screen**

Product Description

1. Specification

ITEM	STANDARD VALUES	UNITS
LCD type	2.4"TFT	--
Dot arrangement	240(RGB)× 340	dots
Driver IC	ST7789V	--
Module size	42.72(W)×60.26(H)×2.3(T)	mm
Active area	36.72(W)×48.96(H)	mm
Dot pitch	0.153(W)×0.153(H)	mm
Operating temperature	- 20 ~ + 70	°C
Storage temperature	- 30 ~ + 80	°C
Back Light	4 White LED In Parallel	--
Weight	TBD	g

2. Quick Detail

* LCD name: **2.4" Outdoor Lcd Display Panel Factory Wholesale 3 Lines 9bit SPI Ultra Thin Lcd Screen**
* Part No.: CH240QV23A
* Size.: 2.4 inch
* Display type: 2.4"TFT
* Display colors: 65k/262k
* Resolution (pixels): 240(RGB)*320 dots
* Pixel pitch: 0.153(W)×0.153(H)mm
* Viewing direction: 6 o'clock
* Controller IC: ST7789V
* Display mode: TN / Transmission/ Normally White
* Overall size: 42.72(W)×60.26(H)×2.3(T)mm
* Active Area: 36.72(W)×48.96(H)mm
* Luminance: 300nits
* Contrast: 500 : 1

* Interface type:
4-lines_8bit / 3-lines_9bit SPI
8-/9-/16-/18-bit8080system interface
6-/16-/18-bit RGB interface
* Pin NO.: 45pins

* Pin pitch: 0.5mm
* Connecting type: Connector type
* Backlight type and color: 4 White LED In Parallel
* LED Life span: 20000h
* With touch panel: No
* Touch Panel type: Capacitive Touch Panel / Resistive Touch Panel

3. Drawings

Notes:
(1) Display Type : 2.4" TFT
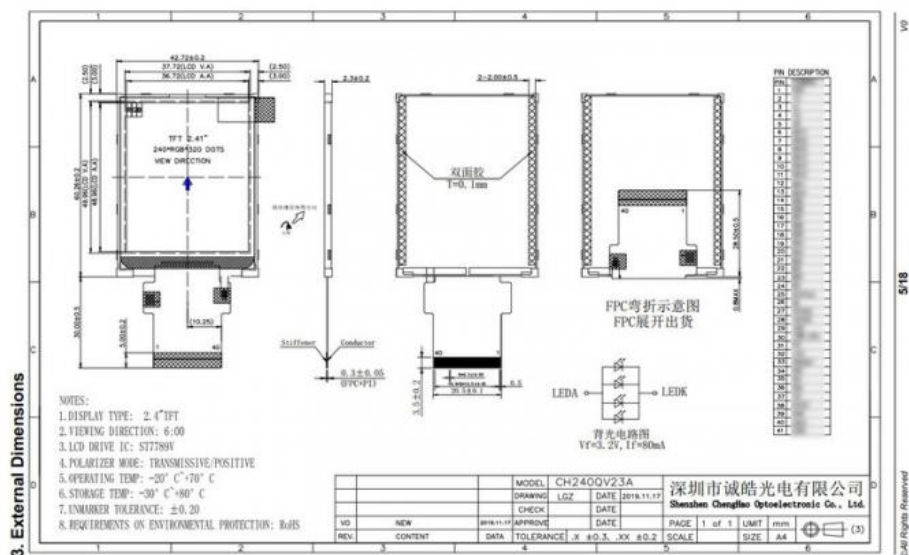(2) Viewing Direction : 6:00
(3) Lcd Drive IC : ST7789V
(4) Polarizer Mode : Transmissive/ Positive
(5) Operating Temp : -20~70 °C
(6) Storage Temp : -30~80 °C
(7) Unmarker Tolerance: ±0.20
(8) Protection : ROHS

4. Application

Smart Wearable Device | Car Equipment | Payment Equipment | Client Terminal

Elevator Display | Industrial Equipment | Instrument Equipment | Artificial Intelligence

Medical Equipment | Home Equipment | Identify The Device | Fingerprint Recognition

5. 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.

6. Products Quality Assurance

(1)High-quality raw material supplier :
after-sales guarantee and long-term stable supplier, LCD panel and Driver IC made of A-regulated raw materials.

(2)Other materials:
such as polarizers, backlight film materials, etc. We also use brand new A-regulated raw materials
(3)Strict quality control:
Through rate up to 98.5%,Customer online defect rate as low as 0.3%.
Inspection is done in FOG==>LCM==>LCM+RTP/CTP==> production online inspection ==>Q.C inspection==>aging test 4 hours with load in 60 ℃ special room (as option)==>OQC.
A product must pass 5 tests before shipment: incoming inspection, 100% online inspection, QC on-site inspection, aging test and OQC inspection, etc.

7. FAQ

Q1: Do you accept customization displays and touch screens?
A: Sure, you can customization the FPC,Backlight and the touch screen.

Q2: 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.

Q3: Do you used capacitive touch screen or resistive touch screen.
A: We have capacitive touch screen and resistive touch screen .

Q4: 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.

Q5: 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.

Q6: 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.

Q7: 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.

Q8: Will you inspect the goods before delivery?
A: Yes, we'll ship the goods after 100% inspection.
Q9: How long is your warranty period?
A: We guarantee the quality for one year.