

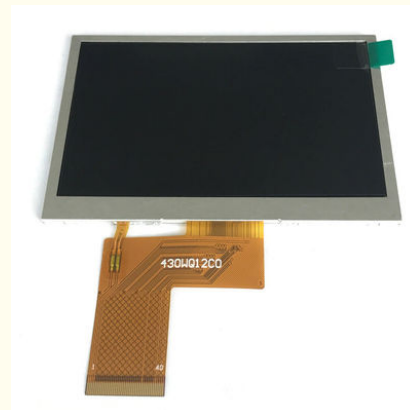


TBD IPS LCD Display

Our Product Introduction

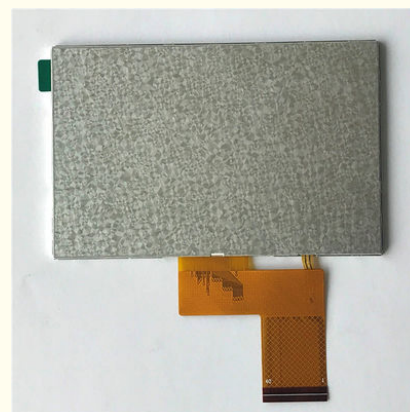
Basic Information

- Place of Origin: ShenZhen, China
- Brand Name: 4.3 Inch
- Certification: ROHS ISO9001 CE
- Model Number: CH430WQ12D
- 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: 200Kpcs/month

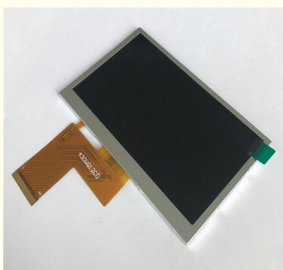


Product Specification

- Size: 4.3" TFT No Touch
- Dot Arrangement: 480*3(RGB)*272
- Display Mode: IPS // Transmissive
- Module Size: 105.5(W)*67.2(H)*3.0(T)mm
- Active Area: 95.04(W)*53.856(H)mm
- Interface: 24bit Parallel RGB
- Operating Temperature: -20 ~ +70
- Storage Temperature: -30 ~ +80
- Back Light: 7 White LED
- Highlight: TBD IPS LCD Display , 4.3 TFT IPS LCD Display , TBD LCD IPS Screen



More Images



TBD IPS LCD Display

4.3" TFT LCD Module 24-Bit Parallel RGB Interface No Touch

LCD type	4.3" TFT
Dot arrangement	480(RGB)×272
Color filter array	RGB vertical stripe
Viewing Direction	80/80/80/80
Back Light	7 White LED
Weight	TBD
LR	Horizontal scan direction control
UD	Vertical scan direction control.
Interface	24-bit Parallel RGB Interface
Display mode	IPS / Transmissive / Normally Black

146.0±0.2

86.0±0.2

4.3" TFT

480x320/272 DOTs

VIEWING DIRECTION

80/80/80/80

3.96

3.3V 0.5W

10K

VLED+

VLED-

1	VLED+
2	VLED+
3	VLED+
4	VLED+
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NOTES:

1. DISPLAY TYPE: 4.3" TFT
2. VIEWING DIRECTION: 80/80/80/80
3. LCD DRIVE IC: ST7282
4. POLARIZER MODE: TRANSMISSIVE/NEGATIVE
5. OPERATING TEMP: -20° C~+70° C
6. STORAGE TEMP: -30° C~+80° C
7. UNMARKER TOLERANCE: ±0.20
8. REQUIREMENTS ON ENVIRONMENTAL PROTECTION: RoHS

BL CIRCUIT DIAGRAM

V_I=22.4V, I_f=20mA

Backlight characteristics:

5. Absolute Maximum Ratings

Item	Symbol	Min.	Max.	Unit
Analog Supply Voltage	VDD	-0.3	5	V
Input Voltage	Vin	-0.3	VDD+0.3	V
Operating Temperature	ToP	-20	70	°C
Storage Temperature	Tst	-30	80	°C
Storage Humidity	HD	20	90	%RH

5. DC Characteristics

Item	Symbol	Min.	Typ.	Max.	Unit	Remark
Analog Supply Voltage	VDD	3.0	3.3	3.6	V	-
Input High Voltage	V _{IH}	0.7VDD	-	VDD	V	Digital input pins
Input Low Voltage	V _{IL}	GND	-	0.3VDD	V	Digital input pins
Output High Voltage	V _{OH}	VDD-0.4	-	VDD	V	Digital output pins
Output Low Voltage	V _{OL}	GND	-	VDD+0.4	V	Digital output pins
I/O Leak Current	I _U	-1	-	1	uA	-

Tip: all of our products can be with or without touch, whatever you choose. Backlight brightness and FPC interface can be customized according to your requirements.

Product Application:

Chenghao Optoelectronics can provide one-stop color TFT module solutions for various shapes, and can change FPC, pin definition, driver and motherboard according to customers' requirements. High voltage or low voltage can be achieved, the working temperature can be achieved ultra-wide temperature up to -40°C-90°C, the viewing angle can be achieved from 6:00 O'clock to full IPS.

Packaging & Shipping:

Packaging Details:

1. All the products are packed in right way to keep it safe.
2. For small sizes of products we use tray + carton,
3. For bigger sizes we use foam slot + carton.
4. we also design packages according to customers' requirements

Shipping Details:

For small quantity orders: we ship by UPS Air-Express, or DHL/FEDEX/TNT/ EMS Express service, it is safe and fast.

Our services:

1. Why choose ChengHao Optoelectronic?

High Service Quality: OEM & ODM service; Reply in 24 hours; All of our products are up to the international quality standards

High Product Quality: Our well equipment and strict function testing in the productive process guarantee the excellent quality of each product.

Professional Manufacturer: household appliances, industrial control, medical equipment, POS machine, instruments and meters, GPS navigation, financial equipment, consumer equipment, information appliances.

2. Could I order one piece for sample to test the quality?

Yes, We recommend checking the sample before order. You could order the sample before your order.

3. May I have your catalogue and price list for trial order in MOQ quantity?

All our products are displayed on Google platform. Please take a closer look and choose the model you are interested in on our website.

4. If I order big quantity, what's the good price?

Please send the details enquiry to us, such as the item number, quantity for each item, quality request, Logo, payment terms, transport method, discharge place etc. We will make the accurate quotation to you as soon as possible.

5. What are my payment options?

For samples and small account, it is 100% in advance.

For mass production, it is 30% in advance and 70% balance.

Welcome West Union, TT. bank account and Paypal.

6. How long will it take to ship my order?

As long as there is stock available, ChengHao Optoelectronic usually ships items in 1 to 3 working days for samples and within 7 to 15 days for customized order once receiving the confirmation of a new order. The order will not be confirmed until the payment reaches ChengHao Optoelectronic bank account. If we are temporarily out of stock, we will do our best to inform you of the estimated lead time.

7. What does your warranty cover?

ChengHao Optoelectronic product is backed by a 1-year limited warranty against manufacturing defects (material or workmanship). Missing/lost or worn out parts are not covered under our warranty.



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