

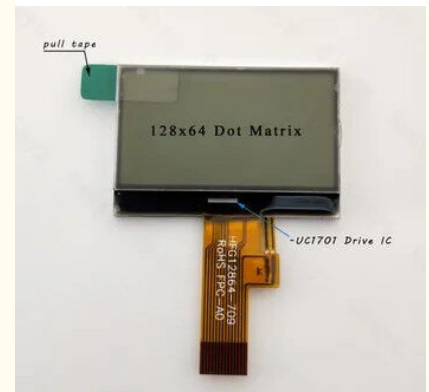


## 1.64 Inch 128x64 COG LCD Module FSTN Positive 3.3V UC1701 14 Pin LCD Display SPI Interface

Our Product Introduction

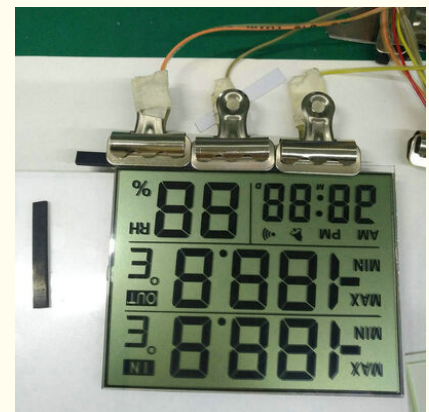
### Basic Information

- Place of Origin: China
- Brand Name: BBI
- Certification: ISO90001 RoHS
- Minimum Order Quantity: 1000
- Price: 0.7-7USD
- Packaging Details: CARTON
- Delivery Time: 3-47WEEKS
- Payment Terms: T/T
- Supply Ability: 100000/MONTH



### Product Specification

- Name: 128x64 COG LCD Module
- Lcd Type: FSTN(Gray), Positive
- Display Size: 128x64
- Voltage: 3.3V
- Driver Ic: UC1701X
- Response Time: 5 Ms
- Drive Method: 1/65 Duty, 1/9 Bias
- Highlight: **1.64 Inch LCD COG Display ,  
128x64 COG LCD Module ,  
14 Pin LCD Display SPI Interface**



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## 1.64 Inch 128x64 COG LCD Display FSTN Positive 3.3V UC1701 14PIN SPI Interface

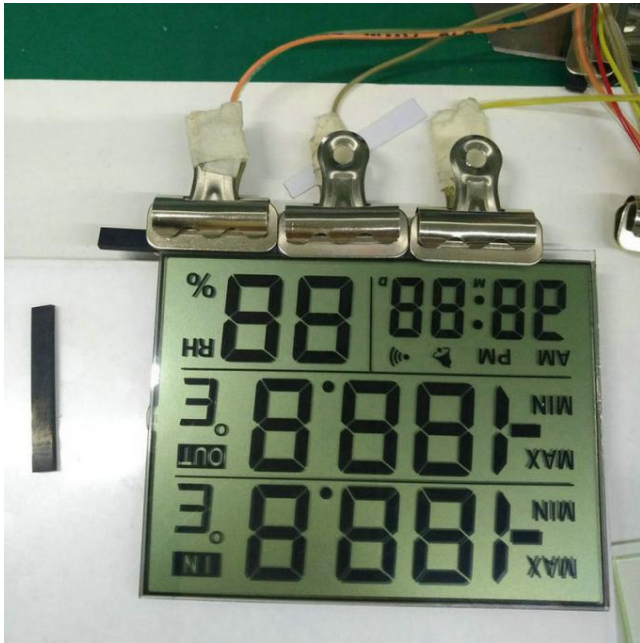
### Product Description

#### Key Features:

- **Monochrome Display:** These displays are generally monochrome (typically black or dark gray text on a light background) with the FSTN layer providing high contrast for improved readability. Some versions may offer different colored backlighting, such as blue or green, but the display itself is monochrome.
- **Resolution:** The resolution of 128x64 means there are 128 pixels horizontally and 64 pixels vertically, which allows for simple graphical displays and alphanumeric text.
- **Low Power Consumption:** Like most STN-based LCDs, FSTN displays consume very little power, which makes them ideal for portable battery-powered applications.
- **High Contrast:** The use of FSTN technology improves the contrast ratio compared to traditional TN or standard STN displays. This can make the display easier to read in different lighting conditions.
- **Compact and Reliable:** The use of COG technology allows the display to be smaller and more reliable, reducing the number of connections and components.

#### Detailed Parameters:

1	Product Description	Monochrome COG Graphic LCD Display
2	Model Brand	Bibuke
3	LCD Type	FSTN(Gray), Positive
4	Polarizer Type	Transmissive
5	Viewing Angle	6 O'clock
6	Resolution	128x64 dots
7	Drive Method	1/65 Duty, 1/9 Bias
8	Working Voltage	3.3V
9	Operating Temperature	-20~+70
10	Storage Temperature	-30~+80
11	FPC Connector	14PIN, ZIF type
12	FPC Pitch	0.5 mm
13	Driver IC	UC1701X
14	Interface	SPI
15	Backlight Type	3-LEDs, White, Parallel
16	Backlight Consumption	VF=3.0V, IF=45mA
16	Outline Dimension	37.75(W)* 25.60(H)* 2.80(T) mm
17	View Area	35.55(W)* 18.70(H) mm
18	Active Area	33.26(W)* 16.62(H) mm
19	Dot Size	0.24(W)* 0.24(H) mm
20	Dot Pitch	0.26(W)* 0.26(H) mm



### Packaging & Shipping:

**Packaging:** Carton boxes, Cupboard , EPE, Blister Tray, About the package way, it is up to the size of products, according to customer request and demand. Different countries have not same requirement..



**Shipping:** Express way as DHL,Fedex,EMS,UPS,air shipping,sea shipping,Any shipping method you prefer.

					
2-7days	2-8days	2-7days	3-15days	2-5days	2-7days
<b>Notice</b>	1. EMS for Brazil, Russia and Remote areas . 2. SF for Hong Kong, Taiwan, South Korea, Japan, Thailand, Singapore and Malaysia . 3. Having logo product can't be sent by FEDEX . 4. The Brazil want to use FEDEX/DHL , need to offer CNPJ / CPF to us !				

### Payment Method:



### FAQ:

**1. I want the LCD display 8 digits and the outline size is 65x30x2.8mm.....?**

Answer: No problem. Firstly, please kindly send us your specification/ drawing paper

If you have not the specification, you can also provide your samples; we will recommend the suitable one if it is standard products. Or we can customize for you based on your own requirement.

**2.This LCD is just what we want, but it is big size, do you have any smaller size? And the display content need to be changed a little.**

Answer: For the segment type LCD module, if you need modify the outline size or display content, a new LCD glass module is need. We have to open new tooling for you.

**3. This LCD display is HTN type, but I want STN type,can you make?**

Answer: That's all right . we can change for you as per you request.

**4. I want customize a new LCD module. Can you do?**

Answer: Yes, we can. Please send your drawing paper. If you have not, please advise me the outline size of the LCD display, display information( Glass thickness, Polarizer, Display Type, Connector mode, Storage Temp. Operating Temp. Supply Voltage, Viewing direction, drive condition), we can customize for you.

**5. What is leading time for tooling?**

Answer: General speaking, it will cost 15 to 25 days after drawing paper confirmation and tooling charge payment, we can report you the exact time when you confirm the drawing paper.

**6. Can you send us samples for checking?**

Answer: Yes,. Samples order is available.

**7. What is the Leading Time?**

Answer: If we have stock for the standard ones, the leading time is one day after payment. If it is the mass production for special ones, the leading time is about 15-30 days. suppose we can finish earlier, we will report the information in advanced.

### Our Services:

1. Free repair within one year after the shipment of products from us.
2. Replacement within 30 days after the shipment of products from us due to products' problems.
3. We can print your logo and stick your model No.on the cameras.
4. We have long cooperation with many shipping companies and our export volume is large. The shipping companies can offer us good discounts.
5. Professional technician supports. We have a good after-sales service team. They can solve your problems in time.
- 6.All goods will be inspected and tested by our engineers and QC/QA before packing and shipment.
- 7.Customers satisfactory is most important to us.If you have any problem or questions regarding our transaction.Please contact us by Email or online. It will be responded within 24 hours.
- 8.Products pictures only for your referrence. please kindly refer to the specification. we can provide the products basic on the specification. or you can offer your own specification or drawing , we can customize all kinds of LCD displays for you. thanks for your kind support always.

## Product application

**Household appliances-refrigerators:** air conditioners, fans, hot and cold air heaters, water heaters, electric blankets, heaters, air purifiers, washing machines, clothes dryers, vacuum cleaners, lampblack cleaners, microwave ovens, cookers, electric ovens, rice cookers, water drinkers, tea sets, etc.;

**Communication :**equipment-telephone, interphone, fax machine, wireless wifi, etc.

**Automotive:** electronics-on-board entertainment system, automobile fault detector, CarLog, vehicle navigator, car audio, reverse radar, reverse mirror, camera, anti-theft device, etc.

**Instruments :**water meters, electric meters, multimeter, electronic scales, pressure meters, temperature meters, flow meters, display instruments, electrical instruments, space instruments, measuring instruments, analytical instruments, electrochemical instruments, optical instruments, etc.;

**Fitness:** equipment-treadmill, waist machine, fitness bike, training device, pedometer, code table, beauty instrument, fat square measuring instrument, fitness instrument, electronic sphygmomanometer, weighing scale, etc.

**Financial :**tax control-tax control cash machine, poss machine, usb-key cheque printer, banknote counting machine, tax control invoice machine, etc.

**Consumer electronics:**mp3,mp4,dvd, electronic dictionary, click reader, early teaching machine, learning machine, electronic organ, electronic clock, chronograph, calculator, etc.

high resolution, high definition, high brightness, cost -effective, energy conservation, high temperature, low temperature, Wide Temperature Range, Positive, Negative

### List of Exiting COB LCD Modules:

Model	Content CharsXLines	Module size W x H(mm)	View area W x H(mm)	Dot size W x H(mm)	Character size W x H(mm)	Driving Method	Controller LSI or Equiv	IC Package	STN-TYPE	FSTN-TYPE
8D-802A	8X2	84.0X44.0	63.0X25.0	1.15X1.36	6.07X11.56	1/16	S6A0069	COB	Y	Y
8D-802B	8X2	58.0X32.0	38.0X16.0	0.56X0.66	2.95X5.56	1/16	S6A0069	COB	Y	Y
8D-202A	12X2	55.7X32.0	46.7X17.5	0.45X0.6	2.65X5.5	1/16	S6A0069	COB	Y	Y
8D-601A	16X1	80.0X36.0	64.5X13.8	0.55X0.65	3.2X5.95	1/16	S6A0069	COB	Y	Y
8D-601B	16X1	122.0X33.0	99.0X13.0	0.92X1.1	4.84X8.06	1/16	S6A0069	COB	Y	Y

8D - C1 60 1C	16X1	80.0X36.0	64.5X13.8	0. 6 X 0. 7	3.2X8.2	1/11	S6A0069	COB	Y	Y
8D - C1 60 1D	16X1	85.0X28.0	65.0X16.0	0. 55 X 0. 75	3.07X6.56	1/16	S6A0069	COB	Y	Y
8D - C1 60 1E	16X1	80.0X36.0	64.5X13.8	0. 55 X 0. 75	3.07X6.56	1/16	S6A0069	COB	Y	Y
8D - C1 60 2A	16X2	80.0X36.0	64.5X13.8	0. 55 X 0. 5	2.95X4.35	1/16	S6A0069	COB	Y	Y
8D - C1 60 2B	16X2	122.0X44.0	99.0X24.0	0. 92 X 1. 1	4.84X9.66	1/16	S6A0069	COB	Y	Y
8D - C1 60 2C	16X2	80.0X36.0	64.5X15.5	0. 55 X 0. 66	2.96X5.56	1/16	S6A0069	COB	Y	Y
8D - C1 60 2D	16X2	84.0X44.0	64.5X15.5	0. 55 X 0. 66	2.96X5.56	1/16	S6A0069	COB	Y	Y
8D - C1 60 2E	16X2	85.0X36.0	64.5X15.5	0. 56 X 0. 66	2.96X5.56	1/16	S6A0069	COB	Y	Y
8D - C1 60 2F	16X2	72.0X36.0	64.5X15.5	0. 56 X 0. 66	2.96X5.56	1/16	S6A0069	COB	Y	Y
8D - C1 60 4A	16X4	87.0X60.0	62.0X25.6	0. 55 X 0. 55	2.95X4.75	1/16	S6A0069	COB	Y	Y
8D - C2 00 1A	20X1	116.0X37.0	83.0X18.6	0. 6 X 0. 65	3.2X5.55	1/16	S6A0069	COB	Y	Y
8D - C2 00 2A	20X2	98.0X60.0	83.0X18.6	0. 6 X 0. 65	3.2X5.55	1/16	S6A0069	COB	Y	Y
8D - C2 00 2B	20X2	116.0X37.0	83.0X18.6	0. 6 X 0. 65	3.2X5.55	1/16	S6A0069	COB	Y	Y
8D - C2 00 C	20X2	146.0X43.0	123.0X23.0	0. 92 X 1. 1	0.98X1.17	1/16	S6A0069	COB	Y	Y

**List of Exiting COB LCD Modules:**

M o d e l	Content (W X H)	Module size W x H(mm)	View area W x H(mm)	Dot size W x H(mm)	Dot pitch W x H(mm)	Driving Method	Controller LSI or Equiv	IC Package	STN-TYPE	FSTN-TYPE
8 D - C 2 0 0 4 A	20X4	98.0X60.0	76.0X25.2	0.55X0.55	2.95X4.75	1/16	S6A0069	COB	Y	Y
8 D - C 2 0 0 4 B	20X4	77.0X47.0	60.0X22.0	0.42X0.46	2.3X4.03	1/16	S6A0070	COB	Y	Y
8 D - C 2 0 0 4 C	20X4	146.0X62.5	123.5X43.0	0.92X1.1	4.84X9.22	1/16	S6A0069	COB	Y	Y
8 D - C 2 4 0 2 A	24X2	118.0X36.0	93.5X16.0	0.6X0.65	3.2X5.55	1/16	S6A0069	COB	Y	Y
8 D - C 2 4 0 2 B	24X2	208.0X40.0	178.0X23.0	1.16X1.16	6.0X9.63	1/16	S6A0069	COB	Y	Y
8 D - C 4 0 0 1 A	40X1	182.0X33.5	154.4X16.5	0.6X0.75	3.2X6.35	1/16	S6A0069	COB	Y	Y
8 D - C 4 0 0 2 B	40X2	182.0X33.5	154.4X16.5	0.6X0.65	3.2X5.55	1/16	S6A0069	COB	Y	Y
8 D - C 4 0 0 4 A	40X4	190.0X54.0	147.0X29.5	0.5X0.55	2.78X4.89	1/16	S6A0069	COB	Y	Y

8 D - G 1 2 2 3 2 A	122X32	84.0X44.0	60.0X18.5	0.4X0.4	0.44X0.44	1/32	SED1520	COB	Y	Y
8 D - G 1 2 2 3 2 B	122X32	80.0X36.0	55.0X18.5	0.36X0.41	0.4X0.45	1/32	SED1520	COB	Y	Y
8 D - G 1 2 2 3 2 C	122X32	98.0X60.0	76.0X25.2	0.53X0.61	0.57X0.65	1/32	SED1520	COB	Y	Y
8 D - G 1 2 2 3 2 D	122X32	80.2X47.4	76.0X25.2	0.53X0.61	0.57X0.65	1/32	SED1520	COB	Y	Y
8 D - G 1 2 8 6 4 A	128X64	78.0X70.0	62.0X44.0	0.39X0.55	0.44X0.6	1/64	S6B0108A	COB	Y	Y
8 D - G 1 2 8 6 4 B	128X64	105.0X60.5	72.0X40.0	0.48X0.48	0.52X0.52	1/64	S6B0108A	COB	Y	Y
8 D - G 1 2 8 6 4 C	128X64	93.0X70.0	72.0X40.0	0.48X0.48	0.52X0.52	1/64	S6B0108A	COB	Y	Y

8 D - G 1 2 8 6 4 D	128X64	113.0X65.0	72.0X40.0	0.48X0.48	0.52X0.52	1/64	S6B0108A	COB	Y	Y
8 D - G 1 2 8 6 4 E	128X64	93.0X70.0	72.0X40.0	0.48X0.48	0.52X0.52	1/64	ST7920	COB	Y	Y
8 D - G 1 9 2 6 4 A	192X64	130X65.0	104.0X39.0	0.46X0.46	0.51X0.51	1/64	S6B0108A	COB	Y	Y
8 D - G 1 9 2 6 4 B	192X64	120X62.0	104.0X39.0	0.46X0.46	0.51X0.51	1/64	S6B0108A	COB	Y	Y
8 D - G 2 4 0 6 4 B	240X64	180.0X65.0	132.0X39.0	0.53X0.53	0.49X0.49	1/64	T6963C	QFP/COB	Y	Y
8 D - G 2 4 0 1 2 8 A	240X128	144X104	114X64	0.4X0.4	0.45X0.45	1/128	T6963C	QFP/COB	Y	Y



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