12232 Graphic LCD Display

12232 Graphic LCD Display is built-in with controller IC SBN1661G-M18 which is 8-Bit Parallel Interface（6800 Series）, STN-Y/G-POSITIVE LCD (122 segments and 32 commons), 122x32 characters dot-matrix, 6 O'clock viewing direction, Y/G LED Backlight.The following is about 12232 Graphic LCD Display related, I hope to help you better understand 12232 Graphic LCD Display.

Product Description

Product instruction of the 12232 Graphic LCD Display

We supply 12232 Graphic LCD Display is a 122x32 dots dot-matrix LCD module. It has a STN panel composed of 122 segments and 32 commons. The LCM can be easily accessed by microcontroller via 6800 Serial Interface.
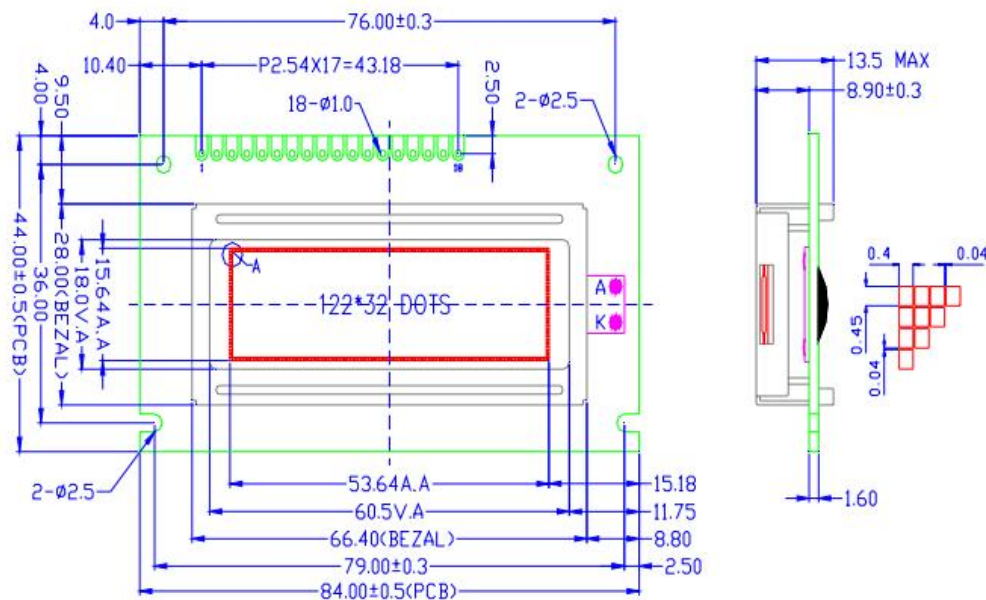
Product FEATURES of the 12232 Graphic LCD Display

Display Format	122 x 32 dots
LCD Type	STN-Y/G-POSITIVE
Polarizer Mode	TRANSMISSIVE
Drive Method	1/32 Duty, 1/6 Bias
Viewing Direction	6 O'clock
Controller	SBN1661G-M18
Interface	8-Bit Parallel Interface （6800 Series）
Backlight	Y/G LED Backlight

Product MECHANICAL SPECIFICATION of the 12232 Graphic LCD Display

Item	Description	Unit
Module Dimension	84.0(W)x44.0(H)x13.5(Max)(T)	mm
Viewing Area	60.5(W)x18.0(H)	mm
Active Area	53.64(W)x15.64(H)	mm
Dot Size	0.40(W)x0.45(H)	mm
Dot Pitch	0.44(W)x0.49(H)	mm
Character Size	——	mm

Product Drawing of the 12232 Graphic LCD Display

NOTE:
1. LCD TYPE: STN-POSITIVE-Y/G
2. POLARIZER MODE: TRANSFLECTIVE
3. DRIVE METHOD: 1/32 DUTY, 1/6 BIAS, Vop=5.0V
4. VIEWING DIR.: 6:00
5. OP. TEMP.: -20°C~70°C
6. ST. TEMP.: -30°C~80°C
7. BACKLIGHT: Y/G, Vf=5.0V, If<90mA
8. LCD CONTROLLER: SBN1661G, VDD=5.0V

PIN No	1	2	3	4	5	6	7	8-15	16	17	18
Symbol	VDD	VSS	V0	/RST	E1	E2	R/W	DB0–DB7	/RST	BLA	BLK

Product INTERFACE PIN DESCRIPTIONS of the 12232 Graphic LCD Display

PIN No.	Symbol	Level	Description
1	VDD	P	Power supply for logic(+5.0V)

2	VSS	P	Ground
3	V0	P	Power supply for LCD
4	/RST	H/L	Hardware RESET and interface type selection. A positive RESET pulse selects the 80-type Microcontroller for interface and a negative RESET pulse selects the 68-type microcontroller for interface.
5	E1	H,H→L	Starts data read/write for Left half Read data when E1 is "H" ; Write data at the falling edge of E1
6	E2	H,H→L	Starts data read/write for Right half Read data when E2 is "H" ; Write data at the falling edge of E2
7	R/W	H/L	Select read or write. 0: Write 1: Read
8	A0	H→L	Select registers. 0: Instruction register (for write) Busy flag:address counter (for read) 1: Data register (for write and read)
9	DB0	H/L	Data Bit0
10	DB1	H/L	Data Bit1
11	DB2	H/L	Data Bit2
12	DB3	H/L	Data Bit3
13	DB4	H/L	Data Bit4
14	DB5	H/L	Data Bit5
15	DB6	H/L	Data Bit6
16	DB7	H/L	Data Bit7
17	BLA	P	Power supply for LED Backlight ($+$5.0V)
18	BLK	P	Power supply for LED Backlight (0V)

Product Quality Control of the 12232 Graphic LCD Display

Before package and shipment, the original products will be tested one by one by our technicians and QC team to make sure the quality of every product is good.

We will test goods strictly according to our standard inspection before shipment.

Delivery, shipping and Severing of the 12232 Graphic LCD Display

1) .Payment Terms: T/T, Western Union.

2). Shipping: Prompt delivery by UPS, EMS, DHL, TNT, FedEx, or by air.

3). Delivery time: 3 days for goods in stock,6-8 weeks for mass production goods.

4). Packaging Details: Packed in anti-static bags with foam box to ensure safety in transportation.

5). Delivery Details: 1 to 30 days. The delivery fee is up to the weight and volume of the products.

6). Samples: Our company offers samples for quality test or other business purposes, but we kindly ask you to pay for samples and the freight.

FAQ

Q: What is the MOQ?

A: Generally if you choose the different products, our MOQ also will be different.

Q: What about the delivery time?

A: The LCD products need 6-8 weeks to be made after receive deposit.

Q: Does your product have any warranty?

A: Yes, we offer 12 months warranty for our products. Damage due to misuse, ill treatment and unauthorized modifications and repairs are not covered by our warranty.

Q: What's your payment method?

A: We usually accept the payment methods include T/T, Western Union. 50-100% deposit in advance and balance before shipping upon the payment amount. Buyer can choose which payment ways that you accept.

Q: What's your shipping method?

A: We provide comprehensive shipping methods.

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

For large quantity orders we ship by buyer's cargo agent in China, we can also ship by Air transportation or sea transportation.

Q: Do you offer custom solution?

A: Yes, we can offer custom solution if standard products couldn't meet buyer' requirements.

Latest News

Recommendations

www.zopin-lcd.com