



0.63 inch OLED Display

0.63 inch OLED Display, White PM OLED Screen, Number of Pixels: 120x28, Driver IC SSD1312, 14 pins FPC, I2C interface, suitable for wearable device, mp3, portable device, personal care appliance, voice recorder pen, health device, etc. The following is about 0.63 inch OLED Display related, I hope to help you better understand 0.63 inch OLED Display.

Product Description

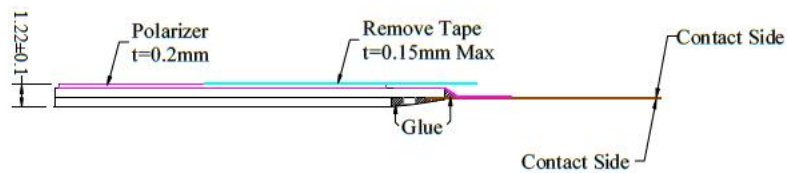
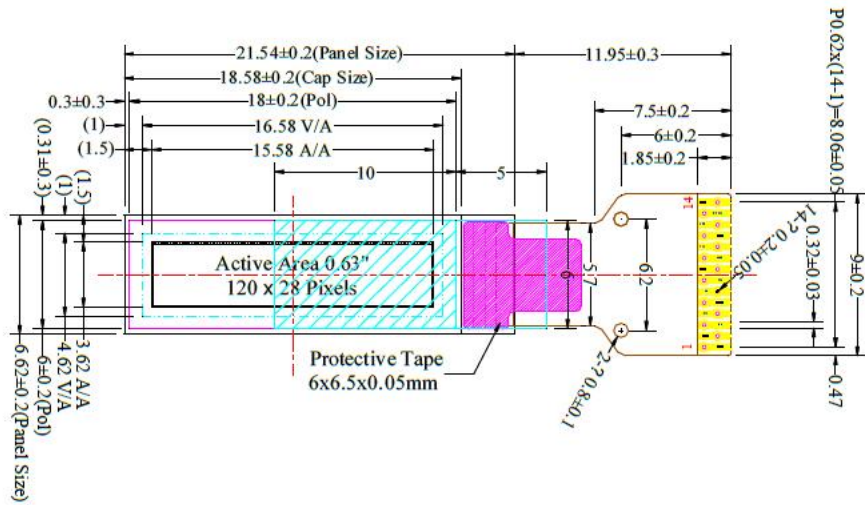
Product instruction of the 0.63 inch OLED Display

We supply 0.63 inch OLED Display which is a mini OLED display which is made of 120x28 pixels, diagonal size only 0.63 inch. It has the outline dimension of 21.54x6.62 mm and AA size 15.58x3.62 mm; it is built in with SSD1312 controller IC and it communicates via I2C interface.

Product Specification of the 0.63 inch OLED Display

Item	Dimension	Unit
Dot Matrix	120x28 Dots	—
Module dimension	21.54x6.62x1.22	mm
Active Area	15.58x3.62	mm
Pixel Size	0.11x0.11	mm
Pixel Pitch	0.13x0.13	mm
Display Mode	Passive Matrix	
Display	Color White	
Drive Duty	1/28 Duty	
IC	SSD1312	

Product Drawing of the 0.63 inch OLED Display



Product Interface Pin Function of the 0.63 inch OLED Display

Pin Number	Symbol	I/O	Function
Power Supply			
8	VDD	P	Power Supply for Logic This is a voltage supply pin. It must be connected to external source.
7	VSS	P	Ground of Logic Circuit This is a ground pin. It acts as a reference for the logic pins. It must be connected to external ground.
14	VCC	P	Power Supply for OEL Panel This is the most positive voltage supply pin of the chip. A stabilization capacitor should be connected between this pin and V _{SS} when the converter is used. It must be connected to external source when the converter is not used.
Driver			
12	IREF	I	Current Reference for Brightness Adjustment This pin is segment current reference pin. A resistor should be connected between this pin and V _{SS} . Set the current at 12.5μA maximum.
13	VCOMH	O	Voltage Output High Level for COM Signal This pin is the input pin for the voltage output high level for COM signals. A capacitor should be connected between this pin and V _{SS} .
DC/DC Converter			
5	VBAT	P	Power Supply for DC/DC Converter Circuit This is the power supply pin for the internal buffer of the DC/DC voltage converter. It must be connected to external source when the converter is used. It should be connected to V _{CC} when the converter is not used.
3 / 4 1 / 2	C1P / C1N C2P / C2N	I	Positive Terminal of the Flying Inverting Capacitor Negative Terminal of the Flying Boost Capacitor The charge-pump capacitors are required between the terminals. They must be floated when the converter is not used.
Interface			
9	RES#	I	Power Reset for Controller and Driver This pin is reset signal input. When the pin is low, initialization of the chip is executed. Keep this pin pull high during normal operation.
10	SCL	I	IIC Bus Clock Signal The transmission of information in the I2C bus is following a clock signal. Each transmission of data bit is taken place during a single clock period of this pin.
11	SDA	I/O	I2C Bus Data Signal This pin acts as a communication channel between the transmitter and the receiver.
Reserve			
6	NC	-	NC

Product Feature and Application of the 0.63 inch OLED Display

This 0.63 inch OLED Display is a mini COG OLED display which is ultra thin (only 1.22 mm); lightweight and low power consumption. It is suitable for Wearing Devices, Banking Devices, and Devices which require small and thin displays etc.

APPLICATION



Product OLED Lifetime of the 0.63 inch OLED Display

ITEM	Conditions	Min	Typ	Remark
Operating Life Time	Ta=25℃ / Initial 50% check board brightness Typical Value	20,000 Hrs	—	Note

Notes:

1. Life time is defined the amount of time when the luminance has decayed to <50% of the initial value.
2. This analysis method uses life data obtained under accelerated conditions to extrapolate an estimated probability density function (pdf) for the product under normal use conditions.
3. Screen saving mode will extend OLED lifetime.

Product Quality Control of the 0.63 inch OLED 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 0.63 inch OLED Display

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- 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, 3-4 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 3-4 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.

