

Part number list

VGM128032A1□□□

Feature

- 1.Diagonal 1.0 inch
- 2.Built-in driver SSD1305Z
- 3.Power supply : +3.0V & +10.0V
- 4.No voltage booster
- 5.Interface:8080 / 6800 / SPI / I2C
- 6.Temperature operating range: -40 ~70°C
- 7.Available color : White / Blue

Pin Assignment

Pin No.	Symbol	Description
1	NC	No connection
2	VSS	Ground
3	VCC	OLED driving voltage input
4	VCOMH	COM signal deselected voltage
5	IREF	Segment current reference pin
6~13	D7~D0	Data bus
14	E	Read/Write enable signal
15	R/W	Read/Write select signal
16	D/C	Data/Command select signal
17	RES	Reset signal
18	CS	Chip select signal
19	BS2	Interface selection pin
20	BS1	Interface selection pin
21	VDDIO	Power supply for logic I/O
22	VDD	Power supply for logic
23	VSS	Ground
24	NC	No connection

Mechanical Data

Item	Standard Value	Unit
Panel Dimension	30.4 x 14.5	mm
Active Area	25.58 x 6.38	mm
Dot Pitch	0.20 x 0.20	mm
Dot Size	0.18 x 0.18	mm

Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Logic Voltage	VDD	3.0	V
OLED driving Voltage	VCC	10.0	V

Mechanical Drawing

