

Part number list

VGM128064B4□□□

Feature

1. Diagonal 1.01 inch
2. Built-in driver SSD1305Z
3. Power supply : +3.0V & +12.0V
4. No voltage booster
5. Interface: 6800 / 8080 / SPI / I2C
6. Temperature operating range: -40 ~70°C
7. Available color : White

Pin Assignment

Pin No.	Symbol	Description
1	BS2	Interface selection pin
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	VDDIO	Power supply for logic I/O
20	VDD	Power supply for logic
21	VSS	Ground
22	BS1	Interface selection pin

Mechanical Data

Item	Standard Value	Unit
Panel Dimension	28.22 x 21.63	mm
Active Area	23.02 x 11.5	mm
Dot Pitch	0.18 x 0.18	mm
Dot Size	0.16 x 0.16	mm

Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Logic Voltage	VDD	3.0	V
OLED driving Voltage	VCC	12.0	V

Mechanical Drawing

