

Part number list

VGM128064A6 □ □ □

Feature

1. Diagonal 0.96 inch
2. Built-in driver SSD1308Z
3. Power supply : +3.0V & +12.0V
4. No voltage booster
5. Interface: 8080 / 6800 / SPI / I2C
6. Temperature operating range: -40 ~70°C
7. Available color : White /Blue / Amber

Pin Assignment

Pin No.	Symbol	Description
1	VSS	Ground
2	VDD	Power supply for logic
3	BS1	Interface selection pin
4	BS2	Interface selection pin
5	CS	Chip select signal
6	RES	Reset signal
7	D/C	Data/Command select signal
8	R/W	Read/Write select signal
9	E	Read/Write enable signal
10~17	D0~D7	Data bus
18	IREF	Segment current reference pin
19	VCOMH	COM signal deselected voltage
20	VCC	OLED driving voltage input

Mechanical Data

Item	Standard Value	Unit
Panel Dimension	26.7 x 19.26	mm
Active Area	21.74 x 11.18	mm
Dot Pitch	0.17 x 0.175	mm
Dot Size	0.15 x 0.155	mm

Electrical Characteristics

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

Mechanical Drawing

