

## Part number list

VGM128064C5 □ □ □

## Feature

1. Diagonal 1.01 inch
2. Built-in driver SH1106G
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

## Pin Assignment

Pin No.	Symbol	Description
1	IM2	Interface selection pin
2	VSS	Ground
3	VPP	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	A0	Data/Command select signal
17	RES	Reset signal
18	CS	Chip select signal
19	VDD1	Power supply for logic
20	VDD1	Power supply for logic
21	VSS	Ground
22	IM1	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	VDD1	3.0	V
OLED driving Voltage	VPP	12.0	V

## Mechanical Drawing

