

## Part number list

VGM128064B1□□□

## Feature

1. Diagonal 1.54 inch
2. Built-in driver SSD1305Z
3. Power supply : +3.0V & +13.0V
4. No voltage booster
5. Interface: 8080 / 6800 / SPI / I2C
6. Temperature operating range: -40 ~70°C
7. Available color : White / Red / Green / Blue / Yellow / Amber

## Pin Assignment

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

## Mechanical Data

Item	Standard Value	Unit
Panel Dimension	42.04 x 27.22	mm
Active Area	35.052 x 17.516	mm
Dot Pitch	0.274 x 0.274	mm
Dot Size	0.254 x 0.254	mm

## Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Logic Voltage	VDD	3.0	V
OLED driving Voltage	VCC	13.0	V

## Mechanical Drawing

