

Part number list

VGM128064B0□□□

Feature

1. Diagonal 2.4 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	WR	Write enable signal
12	RD	Read 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	60.5 x 37.0	mm
Active Area	55.01 x 27.49	mm
Dot Pitch	0.43 x 0.43	mm
Dot Size	0.40 x 0.40	mm

Electrical Characteristics

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

Mechanical Drawing

