

Part number list

VGM064128A0□□□

Feature

1. Diagonal 0.96 inch
2. Built-in driver SSD1327Z
3. Power supply : +2.5V & +3.0V & +11.0V
4. No voltage booster
5. Interface: 6800 / 8080 / SPI / I2C
6. Temperature operating range: -40 ~70°C
7. Available color : White / Amber

Pin Assignment

Pin No.	Symbol	Description
1	NC	No Connection
2	VSS	Analog ground
3~10	D7~D0	OLED driving voltage
11	RD	Segment current reference pin
12	WR	Low voltage power supply
13	D/C	Power supply for logic I/O
14	RES	Interface selection pin
15	CS	Interface selection pin
16	IREF	Chip select signal
17	BS2	Reset signal
18	BS1	Data/Command select signal
19	VDD	Read/Write select signal
20	VCI	Read/Write enable signal
21	VCOMH	Power supply for OTP
22	VCC	Power supply for logic

Mechanical Data

Item	Standard Value	Unit
Panel Dimension	18.0 x 31.0	mm
Active Area	10.86 x 21.74	mm
Dot Pitch	0.17 x 0.17	mm
Dot Size	0.15 x 0.15	mm

Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Logic Voltage	VDD	2.5	V
OLED driving Voltage	VCC	11.0	V

Mechanical Drawing

