

Part number list

VGM064048A0□□□

Pin Assignment

Pin No.	Symbol	Description
1	NC	No connection
2	C2P	Connect charge pump capacitor
3	C2N	Connect charge pump capacitor
4	C1P	Connect charge pump capacitor
5	C1N	Connect charge pump capacitor
6	VBAT	Power supply for booster
7	VSS	Ground
8	VDD	Power supply for logic
9	BS1	Interface selection pin
10	BS2	Interface selection pin
11	CS	Chip select signal
12	RES	Reset signal
13	D/C	Data/Command select signal
14	R/W	Read/Write select signal
15	E	Read/Write enable signal
16~23	D0~D7	Data bus
24	IREF	Segment current reference pin
25	VCOMH	COM signal deselected voltage
26	VCC	OLED driving voltage input
27	VLSS	Analog ground
28	NC	No connection

Feature

- 1.Diagonal 0.66 inch
- 2.Built-in driver SSD1306Z
- 3.Power supply : +3.0V & +9.0V
- 4.Built-in voltage booster
- 5.Interface: 6800 / 8080 / SPI / I2C
- 6.Temperature operating range: -40 ~70°C
- 7.Available color : White / Blue

Mechanical Data

Item	Standard Value	Unit
Panel Dimension	18.46 x 18.1	mm
Active Area	13.42 x 10.06	mm
Dot Pitch	0.21 x 0.21	mm
Dot Size	0.19 x 0.19	mm

Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Logic Voltage	VDD	3.0	V
OLED driving Voltage	VCC	9.0	V

Mechanical Drawing