

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	Alalog 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

