

Part number list

VGM128064C8□□□

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	NC	No connection
8	VDD	Power supply for logic
9	VSS	Ground
10	NC	No connection
11	BS1	Interface selection pin
12	BS2	Interface selection pin
13	CS	Chip select signal
14	RES	Reset signal
15	D/C	Data/Command select signal
16	R/W	Read/Write select signal
17	E	Read/Write enable signal
18~25	D0~D7	Data bus
26	IREF	Segment current reference pin
27	VCOMH	COM signal deselected voltage
28	VCC	OLED driving voltage input
29~30	NC	No connection

Feature

- 1.Diagonal 0.96 inch
- 2.Built-in driver SSD1306BZ
- 3.Power supply : +2.8V & +7.2V
- 4.Built-in voltage booster
- 5.Interface: 8080 / 6800 / SPI / I2C
- 6.Temperature operating range: -40 ~70℃
- 7.Available color : White

Mechanical Data

Item	Standard Value	Unit
Panel Dimension	26.7 x 19.26	mm
Active Area	21.74 x 11.18	mm
Dot Pitch	0.17 x 0.175	mm
Dot Size	0.15 x 0.155	mm

Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Logic Voltage	VDD	2.8	V
OLED driving Voltage	VCC	7.2	V

Mechanical Drawing