

Part number list

VGM096032A2 ☐ ☐ ☐

Feature

- 1.Diagonal 0.68 inch
- 2.Built-in driver SH1106G
- 3.Power supply : +3.0V & +8.0V
- 4.Built-in voltage booster
- 5.Interface:8080 / 6800 / SPI / I2C
- 6.Temperature operating range: -40 ~70°C
- 7.Available color : White

Pin Assignment

Pin No.	Symbol	Description
1	VSS	Ground
2	C1N	Connect charge pump capacitor
3	C1P	Connect charge pump capacitor
4	C2P	Connect charge pump capacitor
5	C2N	Connect charge pump capacitor
6	VDD2	Power supply for DC/DC converter
7	VDD1	Power supply for logic
8	IM1	Interface selection pin
9	IM2	Interface selection pin
10	CS	Chip select signal
11	RES	Reset signal
12	A0	Data/Command select signal
13	WR	Write enable signal
14	RD	Read enable signal
15~22	D0~D7	Data bus
23	IREF	Segment current reference pin
24	VCOMH	COM signal deselected voltage
25	VPP	OLED driving voltage input

Mechanical Data

Item	Standard Value	Unit
Panel Dimension	19.8 x 12.8	mm
Active Area	16.3 x 5.42	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	VDD1	3.0	V
OLED driving Voltage	VPP	8.0	V

Mechanical Drawing

