

Part number list

VGM128032A4□□□

Pin Assignment

Pin No.	Symbol	Description
1	SW	Booster gate driving signal
2	FB	Feedback voltage input
3	VSS	Ground
4	VDD2	Power supply for DC/DC converter
5	VDD1	Power supply for logic
6	BS1	Interface selection pin
7	BS2	Interface selection pin
8	CS	Chip select signal
9	RES	Reset signal
10	D/C	Data/Command select signal
11	R/W	Read/Write select signal
12	E	Read/Write enable signal
13~20	D0~D7	Data bus
21	IREF	Segment current reference pin
22	VCOMH	COM signal deselected voltage
23	VPP	OLED driving voltage input
24	SENSE	Booster source current signal
25	VBREF	Booster reference voltage

Feature

1. Diagonal 0.91 inch
2. Built-in driver SP5010
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 / Blue

Mechanical Data

Item	Standard Value	Unit
Panel Dimension	26.9 x 13.7	mm
Active Area	22.38 x 5.58	mm
Dot Pitch	0.175x 0.175	mm
Dot Size	0.15 x 0.155	mm

Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Logic Voltage	VDD1	3.0	V
OLED driving Voltage	VPP	8.0	V

Mechanical Drawing

