

Part number list

VGM128064B7□□□

Feature

1. Diagonal 0.96 inch
2. Built-in driver SP5010
3. Power supply : +3.0V & +10.0V
4. Built-in voltage booster
5. Interface: 8080 / 6800 / SPI / I2C
6. Temperature operating range: -40 ~70°C
7. Available color : White / Blue / Amber

Pin Assignment

Pin No.	Symbol	Description
1	NC	No connection
2	VSS	Ground
3	SW	Booster gate driving signal
4	VDD2	Power supply for DC/DC converter
5	FB	Feedback voltage input
6	SENSE	Booster source current signal
7	VBREF	Booster reference voltage
8	VDD1	Power supply for logic
9	C86	Interface selection pin
10	PS	Interface selection pin
11	CS	Chip select signal
12	RES	Reset signal
13	A0	Data/Command select signal
14	WR	Write enable signal
15	RD	Read enable signal
16	VCOMH	COM signal deselected voltage
17	VPP	OLED driving voltage input
18~25	D0~D7	Data bus
26	IREF	Segment current reference pin
27	VSS	Ground

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	VDD1	3.0	V
OLED driving Voltage	VPP	10.0	V

Mechanical Drawing

