

Part number list

VGM128128A7□□□

Feature

- 1.Diagonal 1.46 inch
- 2.Built-in driver SH1107
- 3.Power supply : +3.0V & +13.0V
- 4.Built-in voltage booster
- 5.Interface: 8080 / 6800 / SPI / I2C
- 6.Temperature operating range: -40 ~70℃
- 7.Available color : White / Amber

Pin Assignment

Pin No.	Symbol	Description
1	VSS	Ground
2	SW	Booster gate driving signal
3	AVDD	Power supply for booster
4	FB	Feedback voltage input
5	SENSE	Booster source current signal
6	VBREF	Booster reference voltage
7	VDD	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
26	NC	No connection

Mechanical Data

Item	Standard Value	Unit
Panel Dimension	33.5 x 37.0	mm
Active Area	26.284 x 26.284	mm
Dot Pitch	0.2055 x 0.2055	mm
Dot Size	0.1855 x 0.1855	mm

Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Logic Voltage	VDD	3.0	V
OLED driving Voltage	VPP	13.0	V

Mechanical Drawing