

### 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°C
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

