

## Part number list

VGM128032A3□□□

## Feature

1. Diagonal 0.91 inch
2. Built-in driver SSD1306Z
3. Power supply : +2.8V & +7.2V
4. Built-in voltage booster
5. Interface: SPI / I2C
6. Temperature operating range: -40 ~70°C
7. Available color : White / Blue / Amber

## Pin Assignment

Pin No.	Symbol	Description
1	C2P	Connect charge pump capacitor
2	C2N	Connect charge pump capacitor
3	C1P	Connect charge pump capacitor
4	C1N	Connect charge pump capacitor
5	VBAT	Power supply for booster
6	VSS	Ground
7	VDD	Power supply for logic
8	CS	Chip select signal
9	RES	Reset signal
10	D/C	Data/Command select signal
11	SCL	Serial clock
12	SDA	Serial data
13	IREF	Segment current reference pin
14	VCOMH	COM signal deselected voltage
15	VCC	OLED driving voltage input

## Mechanical Data

Item	Standard Value	Unit
Panel Dimension	30.0 x 11.5	mm
Active Area	22.38 x 5.58	mm
Dot Pitch	0.175 x 0.175	mm
Dot Size	0.159 x 0.159	mm

## Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Logic Voltage	VDD	2.8	V
OLED driving Voltage	VCC	7.2	V

## Mechanical Drawing

