

## Part number list

VGM064032A0□□□

## Feature

1. Diagonal 0.49 inch
2. Built-in driver SSD1306BZ
3. Power supply : +2.8V & +12.0V
4. Built-in voltage booster
5. Interface: I2C
6. Temperature operating range: -40 ~70°C
7. Available color : White / Blue

## 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	NC	No connection
7	VSS	Ground
8	VDD	Power supply for logic
9	RES	Reset signal
10	SCL	Serial clock
11	SDA	Serial data
12	IREF	Segment current reference pin
13	VCOMH	COM signal deselected voltage
14	VCC	OLED driving voltage input

## Mechanical Data

Item	Standard Value	Unit
Panel Dimension	14.5 x 11.6	mm
Active Area	11.18 x 5.58	mm
Dot Pitch	0.175 x 0.175	mm
Dot Size	0.155 x 0.155	mm

## Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Logic Voltage	VDD	2.8	V
OLED driving Voltage	VCC	12.0	V

## Mechanical Drawing

