

## Part number list

VGM128064E0□□□

## Feature

1. Diagonal 1.3 inch
2. Built-in driver SP5040
3. Power supply : +3.0V & +10.0V
4. Built-in voltage booster
5. Interface: SPI / I2C
6. Temperature operating range: -40 ~70°C
7. Available color : White (with 16 Gray scale)

## Pin Assignment

Pin No.	Symbol	Description
1	C1N	Connect charge pump capacitor
2	C1P	Connect charge pump capacitor
3	C2P	Connect charge pump capacitor
4	C2N	Connect charge pump capacitor
5	VDD2	Power supply for DC/DC converter
6	VPP	OLED driving voltage input
7	VCOMH	COM signal deselected voltage
8	IREF	Segment current reference pin
9	VSS	Ground
10	IM1	Interface selection pin
11	CS	Chip select signal
12	A0	Data/Command select signal
13	RES	Reset signal
14	VDD1	Power supply for logic
15	SCL	Serial clock
16	SDA	Serial data

## Mechanical Data

Item	Standard Value	Unit
Panel Dimension	35.8 x 17.1	mm
Active Area	29.42 x 14.7	mm
Dot Pitch	0.23 x 0.23	mm
Dot Size	0.21 x 0.21	mm

## Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Logic Voltage	VDD1	3.0	V
OLED driving Voltage	VPP	10.0	V

## Mechanical Drawing

