

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