

Part number list

VGM128032B8□□□

Feature

1. Diagonal 0.91 inch
2. Built-in driver SP9020
3. Power supply : +1.8V & +9.0V
4. Built-in voltage booster
5. Interface: SPI
6. Temperature operating range: -40 ~70°C
7. Available color : White

Pin Assignment

Pin No.	Symbol	Description
1	C2N	Connect charge pump capacitor
2	C2P	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	A0	Data/Command select signal
11	SCL	Serial clock
12	SDA	Serial data
13	IREF	Segment current reference pin
14	VCC_R	Segment current reference pin
15	VCC_C	OLED driving voltage input

Mechanical Data

Item	Standard Value	Unit
Panel Dimension	29.0 x 8.2	mm
Active Area	22.38 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	1.8	V
OLED driving Voltage	VCC.C	9.0	V

Mechanical Drawing

