

Part number list

VGM128032C1

Pin Assignment

Pin No.	Symbol	Description
1	VCC_R	Segment current reference pin
2	VCC_C	OLED driving voltage input
3	NC	No connection
4	IREF	Segment current reference pin
5	VDD	Power supply for logic
6	RES	Reset signal
7	CS	Chip select signal
8	A0	Data/Command select signal
9	SCL	Serial clock
10	SDA	Serial data
11	VDD	Power supply for logic
12	VBAT	Power supply for booster
13	C11M	Connect charge pump capacitor
14	C11P	Connect charge pump capacitor
15	C22M	Connect charge pump capacitor
16	C22P	Connect charge pump capacitor
17	NC	No connection
18	VSS	Ground

Feature

- 1.Diagonal 2.23 inch
- 2.Built-in driver SP9020
- 3.Power supply : +1.8V & +10.5V
- 4.Built-in voltage booster
- 5.Interface: SPI
- 6.Temperature operating range: -40 ~70°C
- 7.Available color : White / Blue

Mechanical Data

Item	Standard Value	Unit
Panel Dimension	62.0 x 15.9	mm
Active Area	55.02 x 13.1	mm
Dot Pitch	0.43 x 0.41	mm
Dot Size	0.41 x 0.39	mm

Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Logic Voltage	VDD	1.8	V
OLED driving Voltage	VCC.C	10.5	V

Mechanical Drawing

