

Part number list

VGM128064C3□□□

Pin Assignment

Pin No.	Symbol	Description
1	NC	No connection
2	C1N	Connect charge pump capacitor
3	C1P	Connect charge pump capacitor
4	C2P	Connect charge pump capacitor
5	C2N	Connect charge pump capacitor
6	VDD2	Power supply for DC/DC converter
7	NC	No connection
8	VSS	Ground
9	VDD1	Power supply for logic
10	IM0	Interface selection pin
11	IM1	Interface selection pin
12	IM2	Interface selection pin
13	CS	Chip select signal
14	RES	Reset signal
15	A0	Data/Command select signal
16	WR	Write enable signal
17	RD	Read enable signal
18~25	D0~D7	Data bus
26	IREF	Segment current reference pin
27	VCOMH	COM signal deselected voltage
28	VPP	OLED driving voltage input
29	VLSS	Analog ground
30	NC	No connection

Feature

- 1.Diagonal 1.3 inch
- 2.Built-in driver SH1106G
- 3.Power supply : +3.0V & +12.0V
- 4.Built-in voltage booster
- 5.Interface: 8080 / 6800 / SPI / I2C
- 6.Temperature operating range: -40 ~70°C
- 7.Available color : White / Blue

Mechanical Data

Item	Standard Value	Unit
Panel Dimension	34.5 x 23.0	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	12.0	V

Mechanical Drawing

