

Part number list

VGM128036A5□□□

Pin Assignment

Pin No.	Symbol	Description
1	NC	No connection
2	VCOMH	COM signal deselected voltage
3	VPP	OLED driving voltage input
4	IREF	Segment current reference pin
5	VDD2	Power supply for DC/DC converter
6	C1N	Connect charge pump capacitor
7	C1P	Connect charge pump capacitor
8	C2P	Connect charge pump capacitor
9	C2N	Connect charge pump capacitor
10	VSS	Ground
11	NC	No connection
12	VDD1	Power supply for logic
13	IM1	Interface selection pin
14	IM2	Interface selection pin
15	CS	Chip select signal
16	RES	Reset signal
17	A0	Data/Command select signal
18	WR	Write enable signal
19	RD	Read enable signal
20~27	D0~D7	Data bus
28	NC	No connection

Feature

1. Diagonal 1.1 inch
2. Built-in driver SH1106G
3. Power supply : +3.0V & +9.0V
4. Built in voltage booster
5. Interface: 8080 / 6800 / SPI / I2C
6. Temperature operating range: -40 ~70°C
7. Available color : White

Mechanical Data

Item	Standard Value	Unit
Panel Dimension	31.0 x 14.3	mm
Active Area	26.86 x 7.54	mm
Dot Pitch	0.21 x 0.21	mm
Dot Size	0.19 x 0.19	mm

Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Logic Voltage	VDD1	3.0	V
OLED driving Voltage	VPP	9.0	V

Mechanical Drawing