

Part number list

VGM128064A5 □ □ □

Feature

1. Diagonal 0.96 inch
2. Built-in driver SSD1308Z
3. Power supply : +3.0V & +9.0V
4. No voltage booster
5. Interface: 8080 / 6800 / SPI / I2C
6. Temperature operating range: -40 ~70°C
7. Available color : Yellow / Blue

Pin Assignment

Pin No.	Symbol	Description
1	NC	No connection
2	VCC	OLED driving voltage input
3	VCOMH	COM signal deselected voltage
4	IREF	Segment current reference pin
5~12	D7~D0	Data bus
13	E	Read/Write enable signal
14	R/W	Read/Write select signal
15	D/C	Data/Command select signal
16	RES	Reset signal
17	CS	Chip select signal
18	NC	No connection
19	BS2	Interface selection pin
20	BS1	Interface selection pin
21	VDD	Power supply for logic
22~29	NC	No connection
30	VSS	Ground
31	NC	No connection

Mechanical Data

Item	Standard Value	Unit
Panel Dimension	26.7 x 19.26	mm
Active Area	21.74 x 11.2	mm
Dot Pitch	0.17 x 0.17	mm
Dot Size	0.15 x 0.15	mm

Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Logic Voltage	VDD	3.0	V
OLED driving Voltage	VCC	9.0	V

Mechanical Drawing

