

Part number list

VGM256128A0

Feature

- 1.Diagonal 1.91 inch
- 2.Built-in driver SSD1322Z2
- 3.Power supply : +2.5V & +3.0V & +13.0V
- 4.No voltage booster
- 5.Interface: 8080 / 6800 / SPI
- 6.Temperature operating range: -40 ~70°C
- 7.Available color : White

Pin Assignment

Pin No.	Symbol	Description
1	VCC	OLED driving voltage input
2	VCOMH	COM signal deselected voltage
3	VSS	Ground
4	VSL	Segment voltage reference pin
5	VCI	Low voltage power supply
6	VDD	Power supply for logic
7	VDDIO	Power supply for logic I/O
8	IREF	Segment current reference pin
9	RES	Reset signal
10	CS	Chip select signal
11	D/C	Data/Command select signal
12	BS1	Interface selection pin
13	BS0	Interface selection pin
14	R/W	Read/Write select signal
15	E	Read/Write enable signal
16~23	D0~D7	Data bus
24	VSS	Ground

Mechanical Data

Item	Standard Value	Unit
Panel Dimension	58.0 x 38.0	mm
Active Area	43.5 x 21.74	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	2.5	V
OLED driving Voltage	VCI & VCC	3.0 & 13.0	V

Mechanical Drawing

