

Part number list

VGM128096A2□□□

Feature

1. Diagonal 1.31 inch
2. Built-in driver LD7138
3. Power supply : +2.8V & +12V
4. No voltage booster
5. Interface: 8080 / 6800 / SPI / I2C
6. Temperature operating range: -40 ~70°C
7. Available color : 65K

RGB**Pin Assignment**

Pin No.	Symbol	Description
1	VCC_C	OLED driving voltage input
2	NC	No connection
3	VDDL	Internal power output for logic
4	VDD	Power supply for logic
5	NC	No connection
6	VSS	Ground
7	RES	Reset signal
8	WR	Write enable signal
9	RD	Read enable signal
10	CS	Chip select signal
11	A0	Data/Command select signal
12~19	D0~D7	Data bus
20	PS	Interface selection pin
21	C80	Interface selection pin
22	IXS	Interface selection pin
23	VSS	Ground
24	NC	No connection
25	VCC_C	OLED driving voltage input
26	VCC_R	Internal row power output

Mechanical Data

Item	Standard Value	Unit
Panel Dimension	30.9 x 27.1	mm
Active Area	26.466 x 20.14	mm
Dot Pitch	0.207 x 0.21	mm
Dot Size	0.039 x 0.19	mm

Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Logic Voltage	VDD	2.8	V
OLED driving Voltage	VCC_C	12.0	V

Mechanical Drawing