

Part number list

VGM096016A0

Feature

1. Diagonal 0.84 inch
2. Built-in driver SSD1308TR1
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 : White / Blue / Yellow

Pin Assignment

Pin No.	Symbol	Description
1	NC	No connection
2	VSS	Ground
3~10	NC	No connection
11	VDD	Power supply for logic
12	BS0	Interface selection pin
13	BS1	Interface selection pin
14	NC	No connection
15	CS	Chip select signal
16	RES	Reset signal
17	D/C	Data/Command select signal
18	R/W	Read/Write select signal
19	E	Read/Write enable signal
20~27	D0~D7	Data bus
28	IREF	Segment current reference pin
29	VCOMH	COM signal deselected voltage
30	VCC	OLED driving voltage
31	NC	No connection

Mechanical Data

Item	Standard Value	Unit
Panel Dimension	26.0 x 9.2	mm
Active Area	21.1 x 3.5	mm
Dot Pitch	0.22 x 0.22	mm
Dot Size	0.2 x 0.2	mm

Electrical Characteristics

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

Mechanical Drawing

