

Part number list

VGM160064A1 □ □ □

Feature

1. Diagonal 1.21 inch
2. Built-in driver SSD1362Z
3. Power supply : +3.0V & +13.0V
4. No voltage booster
5. Interface: SPI
6. Temperature operating range: -40 ~70°C
7. Available color : White (with 16 Gray scale)

Pin Assignment

Pin No.	Symbol	Description
1	VCC	OLED driving voltage input
2	VCOMH	COM signal deselected voltage
3	VP	Pre-charge supply voltage
4	VSS	Ground
5	VDD	Power supply for logic
6	VDDIO	Power supply for logic I/O
7	CS	Chip select signal
8	RES	Reset signal
9	D/C	Data/Command select signal
10	SCL	Serial clock
11	SDA	Serial data
12	IREF	Segment current reference pin

Mechanical Data

Item	Standard Value	Unit
Panel Dimension	38.0 x 14.8	mm
Active Area	28.78 x 10.86	mm
Dot Pitch	0.18 x 0.17	mm
Dot Size	0.16 x 0.15	mm

Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Logic Voltage	VDDIO	3.0	V
OLED driving Voltage	VCC	13.0	V

Mechanical Drawing

