

## Part number list

VGM256064A4 □ □ □

## Feature

1. Diagonal 2.08 inch
2. Built-in driver SH1122G
3. Power supply : +3.0V & +12.0V
4. No voltage booster
5. Interface: 8080 / 6800 / SPI / I2C
6. Temperature operating range: -40 ~70°C
7. Available color : White / Green / Blue / Amber / Yellow (with 16 Gray scale)

## Pin Assignment

Pin No.	Symbol	Description
1	VPP	OLED driving voltage input
2	VSEGM	Pre-charge supply voltage
3	VCOMH	COM signal deselected voltage
4	VSL	Segment voltage reference pin
5	IREF	Segment current reference pin
6	VSS	Ground
7	VCL	Common voltage reference pin
8	VDD	Power supply for logic
9	IM0	Interface selection pin
10	IM1	Interface selection pin
11	IM2	Interface selection pin
12	CS	Chip select signal
13	RES	Reset signal
14	A0	Data/Command select signal
15	WR	Write enable signal
16	RD	Read enable signal
17~24	D0~D7	Data bus

## Mechanical Data

Item	Standard Value	Unit
Panel Dimension	62.5 x 20.6	mm
Active Area	51.18 x 12.78	mm
Dot Pitch	0.20 x 0.20	mm
Dot Size	0.18 x 0.18	mm

## Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Logic Voltage	VDD	3.0	V
OLED driving Voltage	VPP	12.0	V

## Mechanical Drawing

