

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 refernce pin
5	IREF	Segment current refernce pin
6	VSS	Ground
7	VCL	Common voltage refernce 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