

Part number list

VGM304096A0

Pin Assignment

Pin No.	Symbol	Description
1	NC	No connection
2	VPP	OLED driving voltage input
3	VSEGM	Pre-charge supply voltage
4	VCOMH	COM signal deselected voltage
5	VSL	Segment voltage refernce pin
6	VREF	Pre-charge voltage refernce pin
7	IREF	Segment current refernce pin
8	VPP	Power supply for OTP
9	NC	No connection
10	VSS	Ground
11	VCL	Common voltage refernce pin
12	VDD2	Power supply for logic
13	IM0	Interface selection pin
14	IM1	Interface selection pin
15	IM2	Interface selection pin
16	VDD1	Power supply for logic I/O
17	CS	Chip select signal
18	RES	Reset signal
19	A0	Data/Command select signal
20	WR	Write enable signal
21	RD	Read enable signal
22~29	D0~D7	Data bus
30	NC	No connection
31	VPP	OLED driving voltage input

Feature

1. Diagonal 2.45 inch
2. Built-in driver SH1126
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 / Amber
(with 16 Gray scale)

Mechanical Data

Item	Standard Value	Unit
Panel Dimension	72.0 x 28.2	mm
Active Area	59.26 x 19.18	mm
Dot Pitch	0.195 x 0.20	mm
Dot Size	0.175 x 0.18	mm

Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Logic Voltage	VDD1	3.0	V
OLED driving Voltage	VPP	9.0	V

Mechanical Drawing

