Part number list

VGM256032A0☐☐☐

Feature

1. Diagnal 1.82 inch
2. Built-in driver SSD1326U3R1
3. Power supply : +3.0V & +12.0V
4. No voltage booster
5. Interface: 8080 / 6800 / SPI / I2C
6. Temperature operating range: -40 ~85℃
7. Available color : White / Red / Green / Blue
  / Amber (with 16 Gray scale)

Pin Assignment

Pin No.	Symbol	Description
1	NC	No connection
2	VCC	OLED driving voltage input
3	VCOMH	COM signal deselected voltage
4	VSS	Ground
5~12	D7~D0	Data bus
13	E	Read/Write enable signal
14	R/W	Read/Write select signal
15	D/C	Data/Command select signal
16	RES	Reset signal
17	CS	Chip select signal
18	BS2	Interface selection pin
19	BS1	Interface selection pin
20	BS0	Interface selection pin
21	VDDIO	Power supply for logic I/O
22	VDD	Power supply for logic
23	VSS	Ground
24	IREF	Segment current refernce pin
25	VCC	OLED driving voltage input
26	NC	No connection

Mechanical Data

Item	Standard Value	Unit
Panel Dimension	52.0 x 11.5	mm
Active Area	46.06 x 5.74	mm
Dot Pitch	0.18 x 0.18	mm
Dot Size	0.16 x 0.16	mm

Electrical Characteristics

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

Mechanical Drawing