

Part number list

VGM096016A6□□□

Feature

1. Diagonal 0.69 inch
2. Built-in driver SSD1306C
3. Power supply : +3.3V & +7.5V
4. Built-in voltage booster
5. Interface: I2C
6. Temperature operating range: -40 ~70°C
7. Available color : White

Pin Assignment

Pin No.	Symbol	Description
1	C2N	Connect charge pump capacitor
2	C2P	Connect charge pump capacitor
3	C1P	Connect charge pump capacitor
4	C1N	Connect charge pump capacitor
5	VBAT	Power supply for booster
6	NC	No connection
7	VSS	Ground
8	VDD	Power supply for logic
9	RES	Reset signal
10	SCL	Serial clock
11	SDA	Serial data
12	IREF	Segment current reference pin
13	VCOMH	COM signal deselected voltage
14	VCC	OLED driving voltage input

Mechanical Data

Item	Standard Value	Unit
Panel Dimension	24.0 x 6.94	mm
Active Area	17.26 x 3.18	mm
Dot Pitch	0.18 x 0.20	mm
Dot Size	0.16 x 0.18	mm

Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Logic Voltage	VDD	3.3	V
OLED driving Voltage	VCC	7.5	V

Mechanical Drawing

