

Part number list

VGM128064A5

Feature

1. Diagonal 0.96 inch
2. Built-in driver SSD1306Z
3. Power supply : +3.0V & +7.2V
4. Built-in voltage booster
5. Interface: 8080 / 6800 / SPI / I2C
6. Temperature operating range: -40 ~70°C
7. Available color : Yellow / Blue

Pin Assignment

Pin No.	Symbol	Description
1	NC	No connection
2	C2P	Connect charge pump capacitor
3	C2N	Connect charge pump capacitor
4	C1P	Connect charge pump capacitor
5	C1N	Connect charge pump capacitor
6	VBAT	Power supply for booster
7	NC	No connection
8	VDD	Power supply for logic
9	VSS	Ground
10	NC	No connection
11	BS1	Interface selection pin
12	BS2	Interface selection pin
13	CS	Chip select signal
14	RES	Reset signal
15	D/C	Data/Command select signal
16	R/W	Read/Write select signal
17	E	Read/Write enable signal
18~25	D0~D7	Data bus
26	IREF	Segment current reference pin
27	VCOMH	COM signal deselected voltage
28	VCC	OLED driving voltage input
29~30	NC	No connection

Mechanical Data

Item	Standard Value	Unit
Panel Dimension	26.7 x 19.26	mm
Active Area	21.74 x 11.2	mm
Dot Pitch	0.17 x 0.17	mm
Dot Size	0.15 x 0.15	mm

Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Logic Voltage	VDD	3.0	V
OLED driving Voltage	VCC	7.2	V

Mechanical Drawing

