

RGB

Part number list

VGM128036A3 □ □ □

Pin Assignment

Pin No.	Symbol	Description
1	VSS	Ground
2	VCC	OLED driving voltage input
3	PRE	Pre-charge supply voltage
4	VCOMH	COM signal deselected voltage
5	VDD	Power supply for logic
6	PSEL	Enable power regulator pin
7	VSS	Ground
8	VDDIO	Power supply for logic I/O
9	RES	Reset signal
10	WR	Write enable signal
11	RD	Read enable signal
12	CS	Chip select signal
13	D/C	Data/Command select signal
14~21	D0~D7	Data bus
22	PS	Interface selection pin
23	VDDIO	Power supply for logic I/O
24	IREF	Segment current reference pin
25	OSC1	External clock input
26	OSC2	External clock output
27	VSS	Ground
28	VDD	Power supply for logic
29	VDDL	Internal power output for logic
30	VCOMH	COM signal deselected voltage
31	PRE	Pre-charge supply voltage
32	VCC	OLED driving voltage input
33	VSS	Ground

Feature

1. Diagonal 0.88 inch
2. Built-in driver SP9210
3. Power supply : +3.0V & +14V
4. No voltage booster
5. Interface: 8080 / SPI
6. Temperature operating range: -40 ~70°C
7. Available color : 65K

Mechanical Data

Item	Standard Value	Unit
Panel Dimension	26.59 x 13.0	mm
Active Area	21.48 x 6.028	mm
Dot Pitch	0.168 x 0.168	mm
Dot Size	0.032 x 0.148	mm

Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Logic Voltage	VDD	3.0	V
OLED driving Voltage	VCC	14.0	V

Mechanical Drawing

