

RGB

Part number list

VGM128036A5□□□

Pin Assignment

Pin No.	Symbol	Description
1	VSS	Ground
2	VCC-C	OLED driving voltage input
3	PRE	Pre-charge supply voltage
4	VCC-R	Internal row power output
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	A0	Data/Command select signal
14~21	D0~D7	Data bus
22	PS	Interface selection pin
23	VDDIO	Power supply for logic I/O
24~26	NC	No connection
27	VSS	Ground
28	VDD	Power supply for logic
29	VDDL	Internal power output for logic
30	VCC-R	Internal row power output
31	PRE	Pre-charge supply voltage
32	VCC-C	OLED driving voltage input
33	VSS	Ground

Feature

1. Diagonal 0.88 inch
2. Built-in driver SP9230
3. Power supply : +2.8V & +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	2.8	V
OLED driving Voltage	VCC-C	14.0	V

Mechanical Drawing

