

**RGB**

### Part number list

VGM128128A1 □ □ □

### Pin Assignment

Pin No.	Symbol	Description
1	NC	No Connection
2	VLSS	Analog ground
3	VCC	OLED driving voltage
4	VSL	Segment current reference pin
5	VCI	Low voltage power supply
6	VDDIO	Power supply for logic I/O
7	BS0	Interface selection pin
8	BS1	Interface selection pin
9	CS	Chip select signal
10	RES	Reset signal
11	D/C	Data/Command select signal
12	R/W	Read/Write select signal
13	E	Read/Write enable signal
14	VPP	Power supply for OTP
15	VDD	Power supply for logic
16~31	D0~D15	Data bus
32	VSS	Ground
33	IREF	Segment current reference pin
34	VCOMH	COM signal deselected voltage
35	VCC	OLED driving voltage input
36	VSS	Analog ground
37	NC	No Connection

### Feature

1. Diagonal 1.46 inch
2. Built-in driver SSD1355U8R1
3. Power supply : +2.5V & +3.0V & +16.5V
4. No voltage booster
5. Interface: 8080 / 6800 / SPI
6. Temperature operating range: -40 ~70°C
7. Available color : 65K / 262K

### Mechanical Data

Item	Standard Value	Unit
Panel Dimension	33.5 x 33.5	mm
Active Area	26.279 x 26.284	mm
Dot Pitch	0.2055 x 0.2055	mm
Dot Size	0.0435 x 0.1855	mm

### Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Logic Voltage	VDD	2.5	V
OLED driving Voltage	VCI & VCC	3.0 & 16.5	V

### Mechanical Drawing

