

**RGB**

## Part number list

VGM096096A8 □ □ □

## Feature

1. Diagonal 0.96 inch
2. Built-in driver LD7134
3. Power supply : +2.8V & +10V
4. No voltage booster
5. Interface: SPI
6. Temperature operating range: -40 ~70°C
7. Available color : 65K

## Pin Assignment

Pin No.	Symbol	Description
1	VCC_R	Internal row power output
2	VCC_C	OLED driving voltage input
3	VDD_L	Internal power output for logic
4	VDD	Power supply for logic
5	RES	Reset signal
6	CS	Chip select signal
7	A0	Data/Command select signal
8	SCL	Serial clock
9	SDA	Serial data
10	PRERGB	Pre-charge power for RGB
11	VSS	Ground
12	NC	No connection

## Mechanical Data

Item	Standard Value	Unit
Panel Dimension	21.4 x 23.8	mm
Active Area	17.255 x 17.26	mm
Dot Pitch	0.18 x 0.18	mm
Dot Size	0.35 x 0.16	mm

## Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Logic Voltage	VDD	2.8	V
OLED driving Voltage	VCC_C	10.0	V

## Mechanical Drawing

