

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

RGB

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

