

Part number list

VGM160032A1 □ □ □

Feature

1. Diagonal 1.84 inch
2. Built-in driver SSD1352
3. Power supply : +3.3V & +10.5V
4. No voltage booster
5. Interface: 8080
6. Temperature operating range: -40 ~70°C
7. Available color : 65K

RGB

Pin Assignment

Pin No.	Symbol	Description
1	VCC	OLED driving voltage input
2	VCOMH	COM signal deselected voltage
3	VSL	Segment current reference pin
4	VCI	Low voltage power supply
5	VDD	Power supply for logic
6	VDDIO	Power supply for logic I/O
7	IREF	Segment current reference pin
8	RES	Reset signal
9	D/C	Data/Command select signal
10	CS	Chip select signal
11	WR	Write enable signal
12	RD	Read enable signal
13~20	D0~D7	Data bus
21	VLSS	Analog ground
22	VSS	Ground

Mechanical Data

Item	Standard Value	Unit
Panel Dimension	52.5 x 16.0	mm
Active Area	46.05 x 7.852	mm
Dot Pitch	0.288 x 0.246	mm
Dot Size	0.066 x 0.226	mm

Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Logic Voltage	VCI	3.3	V
OLED driving Voltage	VCC	10.5	V

Mechanical Drawing

