

Part number list

VGM096064A1 □ □ □

Feature

1. Diagonal 0.95 inch
2. Built-in driver SSD1305Z
3. Power supply : +3.0V & +12.0V
4. No voltage booster
5. Interface: 8080
6. Temperature operating range: -40 ~70°C
7. Available color : White / Yellow

Pin Assignment

| Pin No. | Symbol | Description |
|---------|--------|-------------------------------|
| 1 | VSS | Ground |
| 2 | VDD | Power supply for logic |
| 3 | VCC | OLED driving voltage input |
| 4 | VCOMH | COM signal deselected voltage |
| 5~12 | D7~D0 | Data bus |
| 13 | E | Read/Write enable signal |
| 14 | R/W | Read/Write select signal |
| 15 | D/C | Data/Command select signal |
| 16 | RES | Reset signal |
| 17 | CS | Chip select signal |
| 18 | IREF | Segment current reference pin |
| 19 | BS2 | Interface selection pin |
| 20 | BS1 | Interface selection pin |
| 21 | VCC | OLED driving voltage input |
| 22 | VSS | Ground |

Mechanical Data

| Item | Standard Value | Unit |
|-----------------|----------------|------|
| Panel Dimension | 24.8 x 22.42 | mm |
| Active Area | 20.14 x 13.42 | mm |
| Dot Pitch | 0.21 x 0.21 | mm |
| Dot Size | 0.19 x 0.19 | mm |

Electrical Characteristics

| Item | Symbol | Standard Value | Unit |
|----------------------|--------|----------------|------|
| | | typ. | |
| Logic Voltage | VDD | 3.0 | V |
| OLED driving Voltage | VCC | 12.0 | V |

Mechanical Drawing

