

Part number list

VGM128064B2□□□

Pin Assignment

| Pin No. | Symbol | Description |
|---------|--------|-------------------------------|
| 1 | NC | No connection |
| 2 | C2P | Connect charge pump capacitor |
| 3 | C2N | Connect charge pump capacitor |
| 4 | C1P | Connect charge pump capacitor |
| 5 | C1N | Connect charge pump capacitor |
| 6 | VBAT | Power supply for booster |
| 7 | NC | No connection |
| 8 | VDD | Power supply for logic |
| 9 | VSS | Ground |
| 10 | NC | No connection |
| 11 | BS1 | Interface selection pin |
| 12 | BS2 | Interface selection pin |
| 13 | CS | Chip select signal |
| 14 | RES | Reset signal |
| 15 | D/C | Data/Command select signal |
| 16 | R/W | Read/Write select signal |
| 17 | E | Read/Write enable signal |
| 18~25 | D0~D7 | Data bus |
| 26 | IREF | Segment current refernce pin |
| 27 | VCOMH | COM signal deselected voltage |
| 28 | VCC | OLED driving voltage input |
| 29~30 | NC | No connection |

Feature

- 1.Diagonal 0.96 inch
- 2.Built-in driver SSD1306Z
- 3.Power supply : +2.8V & +9.0V
- 4.Built-in voltage booster
- 5.Interface: 8080 / 6800 / SPI / I2C
- 6.Temperature operating range: -40 ~70°C
- 7.Available color : Blue

Mechanical Data

| Item | Standard Value | Unit |
|-----------------|----------------|------|
| Panel Dimension | 26.7 x 19.26 | mm |
| Active Area | 21.74 x 11.18 | mm |
| Dot Pitch | 0.17 x 0.175 | mm |
| Dot Size | 0.15 x 0.155 | mm |

Electrical Characteristics

| Item | Symbol | Standard Value | Unit |
|----------------------|--------|----------------|------|
| | | typ. | |
| Logic Voltage | VDD | 2.8 | V |
| OLED driving Voltage | VCC | 9.0 | V |

Mechanical Drawing

