

Part number list

VGM128032C1 □ □ □

Pin Assignment

| Pin No. | Symbol | Description |
|---------|--------|-------------------------------|
| 1 | VCC_R | Segment current refernce pin |
| 2 | VCC_C | OLED driving voltage input |
| 3 | NC | No connection |
| 4 | IREF | Segment current refernce pin |
| 5 | VDD | Power supply for logic |
| 6 | RES | Reset signal |
| 7 | CS | Chip select signal |
| 8 | A0 | Data/Command select signal |
| 9 | SCL | Serial clock |
| 10 | SDA | Serial data |
| 11 | VDD | Power supply for logic |
| 12 | VBAT | Power supply for booster |
| 13 | C11M | Connect charge pump capacitor |
| 14 | C11P | Connect charge pump capacitor |
| 15 | C22M | Connect charge pump capacitor |
| 16 | C22P | Connect charge pump capacitor |
| 17 | NC | No connection |
| 18 | VSS | Ground |

Feature

- 1.Diagonal 2.23 inch
- 2.Built-in driver SP9020
- 3.Power supply : +1.8V & +10.5V
- 4.Built-in voltage booster
- 5.Interface: SPI
- 6.Temperature operating range: -40 ~70°C
- 7.Available color : White / Blue

Mechanical Data

| Item | Standard Value | Unit |
|-----------------|----------------|------|
| Panel Dimension | 62.0 x 15.9 | mm |
| Active Area | 55.02 x 13.1 | mm |
| Dot Pitch | 0.43 x 0.41 | mm |
| Dot Size | 0.41 x 0.39 | mm |

Electrical Characteristics

| Item | Symbol | Standard Value | Unit |
|----------------------|--------|----------------|------|
| | | typ. | |
| Logic Voltage | VDD | 1.8 | V |
| OLED driving Voltage | VCC.C | 10.5 | V |

Mechanical Drawing

