

Part number list

BG240128E1□□□□□\$

Feature

- 1.No Built-in controller
- 2.+5V single power supply
- 3.(Option) Built-in Negative voltage

Pin Assignment

| Pin | Symbol | Function |
|------|---------|---------------------------------|
| 1 | FLM | First Line Marker |
| 2 | CP | Data Shift Clock |
| 3 | LP | Data Latch Clock |
| 4 | M | AC signal for LCD driver output |
| 5 | Vdd | Power supply (+5V) |
| 6 | Vss | Power supply (GND) |
| 7 | Vee | Negative voltage output |
| 8~11 | DB0~DB3 | Data bus line |
| 12 | Vo | Contrast adjustment |
| 13 | NC | No connection |
| 14 | A | Backlight power supply(+) |
| 15 | K | Backlight power supply(GND) |

Mechanical Data

| Item | Standard Value | Unit |
|------------------|----------------|------|
| Module Dimension | 144.0 x 104.0 | mm |
| Active Area | 107.98 x 57.58 | mm |
| Dot Pitch | 0.45 x 0.45 | mm |
| Dot Size | 0.43 x 0.43 | mm |

Electrical Characteristics

| Item | Symbol | Standard Value | Unit |
|---|--------|----------------|------|
| | | typ. | |
| Input Voltage | VDD | 5.0 | V |
| Recommended LCD Driving Voltage for Normal Temp. Version module @25°C | VDD-VO | 18.5 | V |

Mechanical Drawing

