

BG128128E



Feature

1. SMT PCB with metal frame
2. Built-in controller T6963C
3. +5V single power supply
4. 1/128 duty cycle
5. Option: LED, edge RGB B/L
6. Option: 16x6 matrix touch panel
7. Option: negative voltage

Mechanical Data

| Item | Standard Value | Unit |
|------------------|----------------|------|
| Module Dimension | 92.0 x 106.0 | mm |
| Viewing Area | 73.0 x 73.0 | mm |
| Dot Size | 0.50 x 0.50 | mm |
| Dot Pitch | 0.55 x 0.55 | mm |

Pin Assignment

| Pin | Symbol | Description |
|-------|--------|------------------------------|
| 1 | FGND | Frame ground |
| 2 | Vss | Ground |
| 3 | Vdd | Power supply for logic (+5V) |
| 4 | Vo | Contrast adjustment |
| 5 | /WR | Data write. |
| 6 | /RD | Data read. |
| 7 | /CE | Chip enable |
| 8 | C/D | Command/Data read/write |
| 9 | /RESET | Reset signal |
| 10-17 | DB0~7 | Data bus line |
| 18 | Fs | Font selection |
| 19 | A | Power supply for BL (+) |
| 20 | KB | Power supply for BL (GND) |
| 21 | KG | Power supply for BL (GND) |
| 22 | KR | Power supply for BL (GND) |

Electronic Characteristics

| Item | Symbol | Condition | Typical Value | Unit |
|---------------------|------------------|-----------|---------------|------|
| Input Voltage | Vdd | Vdd = +5V | 5.0 | V |
| Supply Current | Idd | Vdd = +5V | 45 | mA |
| LCD Driving Voltage | V _{LCD} | 25°C | 17.3 | V |

Dimension

