



BG24064B



Feature

1. SMT PCB with metal frame
2. Built in controller LC7981
3. +5V single power supply
4. 1/64 duty cycle
5. Option: negative voltage
6. Option: LED, EL B/L, CCFL



Mechanical Data

| Item | Standard Value | Unit |
|------------------|----------------|------|
| Module Dimension | 180.0 x 65.0 | mm |
| Viewing Area | 133.0 x 39.0 | mm |
| Dot Size | 0.49 x 0.49 | mm |
| Dot Pitch | 0.53 x 0.53 | mm |

Pin Assignment

| Pin | Symbol | Function |
|------|--------|------------------------------|
| 1 | Vss | Power supply (GND) |
| 2 | Vdd | Power supply (+5V) |
| 3 | Vo | Contrast Adjustment |
| 4 | RS | Data/instruction select |
| 5 | /R/W | Data read/write |
| 6 | E | Enable signal |
| 7~14 | DB0~7 | Data bus line |
| 15 | /CS | Chip select |
| 16 | /RST | Reset signal |
| 17 | Vee | Negative Voltage output -10V |
| 18 | NC | No connection |
| 19 | NC | No connection |
| 20 | FGND | Frame GND |

Electronic Characteristics

| Item | Symbol | Condition | Typical Value | Unit |
|---------------------|--------|-----------|---------------|------|
| Input Voltage | Vdd | Vdd = +5V | 5.0 | V |
| Supply Current | Idd | Vdd = +5V | 9.0 | mA |
| LCD Driving Voltage | Vdd-Vo | 25°C | 12.7 | V |
| LED Forward Voltage | Vf | 25°C | 4.2 | V |
| LED Forward Current | If | 25°C | 660 | mA |

Dimension

