

BG24064A



Feature

1. SMT PCB with metal frame
2. Built in controller T6963C
3. +5V power supply
4. 1/64 duty
5. LED B/L pins: A / K
6. Option: temperature compensation
7. Option: LED, EL B/L, CCFL
8. Option: negative voltage(built-in, external)
9. Option: Touch Panel

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 | FG | Frame ground |
| 2 | Vss | Power supply (GND) |
| 3 | Vdd | Power supply (+5V) |
| 4 | Vo | Contrast Adjustment |
| 5 | /WR | Data write |
| 6 | /RD | Data read |
| 7 | /CE | Chip enable |
| 8 | C/D | Command/data |
| 9 | Vee | Negative Voltage output (-13.6V) |
| 10 | /RST | Reset signal |
| 11~18 | DB0~7 | Data bus line |
| 19 | FS | Font select(H:6x8 L:8x8) |
| 20 | NC | No connection |

Electronic Characteristics

| Item | Symbol | Condition | Typical Value | Unit |
|---------------------|--------|-----------|---------------|------|
| Input Voltage | Vdd | Vdd = +5V | 5.0 | V |
| Supply Current | Idd | Vdd = +5V | 40 | mA |
| LCD Driving Voltage | Vdd-Vo | 25°C | 12.5 | V |
| LED Forward Voltage | Vf | 25°C | 4.2 | V |
| LED Forward Current | If | 25°C | 450 | mA |

Dimension

