

BG320240A

Feature

1. SMT PCB with metal frame
2. No controller, recommending SED1335
3. +5V single power supply
4. 1/240 duty cycle
5. Option: negative voltage
6. Option: LED edge B/L, CCFL
7. Option: +3V single power supply
8. Option: negative voltage (built-in, external)
9. Option: touch panel

Mechanical Data

| Item | Standard Value | Unit |
|------------------|----------------|------|
| Module Dimension | 166.8 x 109.0 | mm |
| Viewing Area | 122.0 x 92.0 | mm |
| Dot Size | 0.34 x 0.34 | mm |
| Dot Pitch | 0.36 x 0.36 | mm |

Pin Assignment

| Pin | Symbol | Function |
|-----|----------|---------------------------------|
| 1~4 | DB0~3 | Data bus line |
| 5 | /DISPOFF | Display off signal (H:on L:off) |
| 6 | FLM | First line marker |
| 7 | NC | No connection |
| 8 | LP | Data latch |
| 9 | CP | Data shift |
| 10 | Vdd | +5V(+3V option) |
| 11 | Vss | Power supply (GND) |
| 12 | Vee | Negative voltage output -21.3V |
| 13 | Vo | Contrast adjustment |
| 14 | FGND | Frame Ground |

Electronic Characteristics

| Item | Symbol | Condition | Typical Value | Unit |
|-----------------------|--------|----------------------|---------------|-------|
| Input Voltage | Vdd | Vdd = +5V | 5.0 | V |
| Supply Current | Idd | Vdd = +5V | 7.7 | mA |
| LCD Driving Voltage | Vdd-Vo | 25°C | 23.5 | V |
| CCFL Starting Voltage | VFLS | 25°C | 600 | Vrms |
| CCFL Driving Voltage | VFLD | 25°C | 260 | Vrms |
| CCFL Driving Current | IFLD | VFLD=260 Vrms/ 30KHZ | 5.0 | mArms |

Dimension

