

BC1202A



Feature

1. COB with metal frame
2. 5x7 dots with cursor
3. Built-in controller KS0066 or equivalent
4. + 5V single power supply
5. 1/16 duty cycle
6. B/L pins: 15, or A/K, or 1/2
7. No Negative Voltage Option

Mechanical Data

| Item | Standard Value | Unit |
|------------------|----------------|------|
| Module Dimension | 55.7 x 32.0 | mm |
| Viewing Area | 46.0 x 14.5 | mm |
| Dot Size | 0.45 x 0.60 | mm |
| Character Size | 2.65 x 5.50 | mm |



Pin Assignment

| Pin | Symbol | Function |
|------|--------|----------------------------|
| 1 | Vss | GND |
| 2 | Vdd | +5V |
| 3 | Vo | Contrast adjustment |
| 4 | RS | H/L register select signal |
| 5 | R/W | H/L read/write signal |
| 6 | E | H --> L enable signal |
| 7~14 | DB0~7 | H/L data bus line |
| 15 | A | Power supply for B/L (+) |

Electronic Characteristics

| Item | Symbol | Condition | Typical Value | Unit |
|---------------------|--------|-----------|---------------|------|
| Input Voltage | Vdd | Vdd = +5V | 5.0 | V |
| Supply Current | Idd | Vdd = +5V | 1.2 | mA |
| LCD Driving Voltage | Vdd-Vo | 25°C | 4.2 | V |
| LED Forward Voltage | Vf | 25°C | 4.2 | V |
| LED Forward Current | If | 25°C | 40 | mA |

Dimension

