

Part number list

BC2002D□□□□□ \$

Feature

1. Built-in controller ST7066 or equivalent
2. +5V single power supply
3. (Option) +3V power supply
4. (Option) negative voltage for +3V power

Pin Assignment

| Pin No. | Symbol | Description |
|---------|-------------------|---|
| 1 | V _{SS} | GND |
| 2 | V _{DD} | +5V (+3V option) |
| 3 | V _O | Contrast Adjustment |
| 4 | RSP | H/L register select signal |
| 5 | RWP | H/L read/white signal |
| 6 | EP | H --> L enable signal |
| 7 | DB0 | H/L data bus line |
| 8 | DB1 | H/L data bus line |
| 9 | DB2 | H/L data bus line |
| 10 | DB3 | H/L data bus line |
| 11 | DB4 | H/L data bus line |
| 12 | DB5 | H/L data bus line |
| 13 | DB6 | H/L data bus line |
| 14 | DB7 | H/L data bus line |
| 15 | A/V _{ee} | Power supply for B/L(+)/ Negative voltage output |
| 16 | K | Power supply for B/L(GND) |

Mechanical Data

| Item | Standard Value | Unit |
|------------------|----------------|------|
| Module Dimension | 80.0 x 36.0 | mm |
| Viewing Area | 66.0 x 16.0 | mm |
| Dot Size | 0.48 x 0.66 | mm |
| Character Size | 2.56 x 5.56 | mm |

Electrical Characteristics

| Item | Symbol | Standard Value | Unit |
|---|--------------------|----------------|------|
| | | typ. | |
| Input Voltage | V _{DD} | 5 | V |
| Recommended LCD Driving Voltage for Normal Temp. Version module @ 25°C | V _{DD-VO} | 5 | V |

Mechanical Drawing

