



# BL1602B1



## Feature

1. OLED Display
2. COB with metal frame
3. 5x7 dots with cursor
4. Software command same as KS0066
5. + 5V single power supply
6. 1/16 duty cycle
7. Color: yellow green

## Mechanical Data

| Item             | Standard Value | Unit |
|------------------|----------------|------|
| Module Dimension | 85.0 x 30.0    | mm   |
| Viewing Area     | 56.0 x 13.8    | mm   |
| Dot Size         | 0.51 x 0.63    | mm   |
| Character Size   | 2.67 x 5.01    | mm   |

## Pin Assignment

| Pin    | Symbol  | Function                     |
|--------|---------|------------------------------|
| 1      | Vss     | GND                          |
| 2      | Vdd     | +5V                          |
| 3      | Vbt     | Brightness Adjustmet (+2.8V) |
| 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     | NC      |                              |
| 16     | NC      |                              |

## Electronic Characteristics

| Item             | Symbol | Condition  | Typical Value | Unit              |
|------------------|--------|------------|---------------|-------------------|
| Input Voltage    | Vdd    | Vdd = +5V  | 5.0           | V                 |
| Supply Current   | Idd    | Vdd = +5V  | 100           | mA                |
| Pixel Brightness | lu     | Vbt = 2.8V | 35            | cd/m <sup>2</sup> |

## Dimension

