

BO12864B

Feature

1. COG package
2. Built-in controller SED1565
3. +5V power supply
4. 1/64 duty cycle
5. +3V~+5V single power supply
6. On chip LCD booster



Mechanical Data

| Item | Standard Value | Unit |
|------------------|----------------|------|
| Module Dimension | 72.0 x 47.0 | mm |
| Viewing Area | 68.0 x 36.0 | mm |
| Dot Size | 0.47 x 0.47 | mm |
| Dot Pitch | 0.50 x 0.50 | mm |

Pin Assignment

| Pin | Symbol | Pin | Symbol | Pin | Symbol |
|-----|--------|-----|--------|-----|---------|
| 1 | C86 | 11 | Cap1+ | 21 | DB2 |
| 2 | Vss | 12 | Cap3- | 22 | DB1 |
| 3 | V5 | 13 | Vout | 23 | DB0 |
| 4 | V4 | 14 | Vss | 24 | RD(E) |
| 5 | V3 | 15 | Vdd | 25 | WR(R/W) |
| 6 | V2 | 16 | DB7 | 26 | Ao |
| 7 | V1 | 17 | DB6 | 27 | RST |
| 8 | Cap2+ | 18 | DB5 | 28 | CS1 |
| 9 | Cap2- | 19 | DB4 | | |
| 10 | Cap1- | 20 | DB3 | | |

Electronic Characteristics

| Item | Symbol | Condition | Typical Value | Unit |
|---------------------|--------|-----------|---------------|------|
| Input Voltage | Vdd | Vdd = +3V | 3.0 | V |
| Supply Current | Idd | Vdd = +5V | 0.5 | mA |
| LCD Driving Voltage | Vdd-Vo | 25°C | 9.0 | V |

Dimension

