

### Part number list

BO12832A□□□□\$

### Feature

1. Built-in controller PCF8531
2. Built-in oscillation and voltage regulator
3. +3V / +5V single power supply
4. I2C interface
5. (Option) LED backlight

### Pin Assignment

| Pin | Symbol | Function                 |
|-----|--------|--------------------------|
| 1   | Vlcd   | LCD Power supply         |
| 2   | /RESET | Reset signal             |
| 3   | Vdd    | Power supply for logic   |
| 4   | SDA    | Serial data input        |
| 5   | Vss    | Power supply logic GND   |
| 6   | SCL    | Serial colock line input |

### Mechanical Data

| Item             | Standard Value | Unit |
|------------------|----------------|------|
| Module Dimension | 82.0 x 34.0    | mm   |
| Active Area      | 72.92 x 20.12  | mm   |
| Dot Pitch        | 0.57 x 0.63    | mm   |
| Dot Size         | 0.53 x 0.59    | mm   |

### Electrical Characteristics

| Item  | Symbol | Standard Value | Unit |
|---|--------|----------------|------|
|   |        | typ.           |      |
| Input Voltage   | VDD    | 3 / 5          | V    |
| Recommended LCD Driving Voltage for Normal Temp. Version module @25°C | VDD-VO | 6.0            | V    |

### Mechanical Drawing

