



B09864B

Feature

1. FSTN Transflective LCD, COG package
2. Built-in driver ST7548i, serial I2C data bus
3. 1/64 duty cycle
4. +3V power supply
5. With FPC and ZIF connector
6. Option: EL Backlight, LED Backlight



Mechanical Data

| Item | Standard Value | Unit |
|---------------|----------------|------|
| LCD Dimension | 34.0 x 34.0 | mm |
| Viewing Area | 31.0 x 22.5 | mm |
| Dot Size | 0.26 x 0.31 | mm |
| Dot Pitch | 0.28 x 0.33 | mm |

Pin Assignment

| Pin | Symbol | Function |
|-----|--------|-----------------------------------|
| 1 | Vlcd | LCD power supply |
| 2 | Vss1 | Logic power GND |
| 3 | Vss2 | Logic power GND |
| 4 | SCL | I2C bus serial clock signal input |
| 5 | SDA | I2C bus data line |
| 6 | RES | Device reset signal |
| 7 | Vdd2 | Logic power V+ |
| 8 | Vdd1 | Logic power V+ |

Electronic Characteristics

| Item | Symbol | Condition | Typical Value | Unit |
|---------------------|----------|-----------|---------------|------|
| Input Voltage | Vdd | Vdd = +3V | 3.0 | V |
| Supply Current | Idd | Vdd = +3V | 0.2 | mA |
| LCD Driving Voltage | Vlcd-Vss | 25°C | 11.9 | V |

Dimension

