

BP320240E

Feature

1. FSTN LCD, TAB IC and PCB package
2. Built-in controller SED1335
3. +3V ~ +5V single power supply, with built-in positive voltage for LCD driving
4. 1/240 duty cycle
5. Option: LED/white
6. Option: Touch panel & touch panel controller

Mechanical Data

| Item | Standard Value | Unit |
|------------------|----------------|------|
| Module Dimension | 85.0 x 99.3 | mm |
| Viewing Area | 62.0 x 81.8 | mm |
| Dot Size | 0.225 x 0.225 | mm |
| Dot Pitch | 0.24 x 0.24 | mm |

Pin Assignment

| Pin | Symbol | Function |
|-------|----------|---|
| 1 | /RST | Reset signal |
| 2 | /RD | 80s:read signal/68s:enable signal (E) |
| 3 | /WR | 80s:write signal/68s: R/W signal |
| 4 | /CS | Chip select |
| 5 | Ao | Data type select |
| 6~13 | DB0-7 | Data bus line |
| 14 | Vdd | Power supply (+3V ~ +5V) |
| 15 | Vss | Power supply (GND) |
| 16 | Vadj | Contrast Adjustment |
| 17 | NC | NC |
| 18 | SK*/X1** | Serial clock/touch panel left signal (X axis) |
| 19 | D0*/X2** | Data output/touch panel right signal (X axis) |
| 20 | D1*/Y1** | Data input/touch panel upper signal (Y axis) |
| 21 | CS*/Y2** | Chip select/touch panel lower signal (Y axis) |
| 22 | INT | Interrupt |
| 23~24 | LED A/K | Power supply for LED/L |

Remark *Built-in touch panel controller/oller/
 ** External touch panel controller



(Options : Frame without ears)

Electronic Characteristics

| Item | Symbol | Condition | Typical Value | Unit |
|---------------------|--------|--------------|---------------|------|
| Input Voltage | Vdd | Vdd = +5V | 5.0 | V |
| Supply Current | Idd | Vdd = +3V | 10 | mA |
| LCD Driving Voltage | Vlcd | Vadj - Vss | 0.5 | V |
| LED Supply Current | I led | Vled = +3.3V | 55 | mA |

Dimension

