

BP320240H

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: EL B/L & EL inverter, LED edge
6. Option: Touch panel

Mechanical Data

| Item | Standard Value | Unit |
|------------------|----------------|------|
| Module Dimension | 92.0 x 71.3 | mm |
| Viewing Area | 81.0 x 62.0 | mm |
| Dot Size | 0.22 x 0.22 | mm |
| Dot Pitch | 0.24 x 0.24 | mm |

Pin Assignment

| Pin | Symbol | Function |
|------|--------|---------------------------------------|
| 1 | Vss | Power supply (GND) |
| 2 | Vdd | Power supply (+3V ~ +5V) |
| 3 | Vadj | Contrast Adjustment |
| 4 | /RD | 80s:read signal/68s:enable signal (E) |
| 5 | /WR | 80s:write signal/68s: R/W signal |
| 6 | Ao | Data type select |
| 7~14 | DB0-7 | Data bus line |
| 15 | /CS | Chip select |
| 16 | /RST | Reset signal |
| 17 | /DISPO | Display off H:on L:off |
| 18 | NC | No Connection |
| 19 | A | Power supply for B/L + |
| 20 | K | Power supply for B/L - |
| 21 | X1 | Touch panel left signal (X axis) |
| 22 | Y1 | Touch panel upper signal (Y axis) |
| 23 | X2 | Touch panel right signal (X axis) |
| 24 | Y2 | Touch panel lower signal (Y axis) |



Electronic Characteristics

| Item | Symbol | Condition | Typical Value | Unit |
|---------------------|--------|-------------|---------------|------|
| Input Voltage | Vdd | Vdd = +5.0V | 5.0 | V |
| Supply Current | Idd | Vdd = +5.0V | 20 | mA |
| LCD Driving Voltage | Vlcd | Vadj-Vss | 0.5 | V |

Dimension

