

# 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

