



# BP320240A

## Feature

1. FSTN LCD, TAB IC and PCB package
2. LCD driver only (Recommending SED1335 controller)
3. +3V single power supply,
4. 4 bit data bus
5. 1/240 duty cycle
6. Option: EL B/L, EL inverter
7. Option: Touch panel
7. Option: Positive voltage for LCD driving

## Mechanical Data

Item	Standard Value	Unit
Module Dimension	92.2 x 73.3	mm
Viewing Area	81.4 x 62.2	mm
Dot Size	0.225 x 0.225	mm
Dot Pitch	0.24 x 0.24	mm



## Pin Assignment

Pin	Symbol	Function
1	CL2	Data shift clock
2	CL1	Data latch clock
3	FLM	Scan start-up signal
4	M	Alternate signal
5~8	DB0~DB3	Data Bus
9	Vee	Power supply for LCD
10	Vdd	Power supply (+3V)
11	Vss	Power supply(GND)
12	BLE	H:EL on L:EL off
13	V ELG	Power supply for EL (0V)
14	V EL	Power supply for EL (+3~5V)

## Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd	Vdd = +3V	3.0	V
Supply Current	Idd	Vdd = +3V	0.6	mA
LCD Driving Voltage	Vee-Vss	25°C	17.5	V
Built-in EL Inverter Supply Current	Iel	Vel = +3V	40	mA

## Dimension

