

# BP480320A

## Feature

1. FSTN LCD, TAB IC and PCB package
2. LCD driver only
3. +3V single power supply,
4. White LED backlight
5. 1/240 duty cycle
6. Option: Touch panel

## Mechanical Data

Item	Standard Value	Unit
Module Dimension	156.0 x 94.9	mm
Viewing Area	120.2 x 81.8	mm
Dot Size	0.228 x 0.228	mm
Dot Pitch	0.24 x 0.24	mm



## Pin Assignment

Pin	Symbol	Function
1	Vss	Power supply (GND)
2	Vss	Power supply (GND)
3	Vdd	Power supply for logic(3V)
4	S	Scan start-up signal
5	M	Frame reverse signal
6	CL1	Data latch clock
7	Disp	Display enable signal
8	CL2	Data shift pulse
9~16	DB0~7	Data bus
17	Vee	Power for LCD driving
18	Vdd	Power supply for logic(3V)
19	Vss	Power supply (GND)
20	Vss	Power supply (GND)

## Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd		3.0	V
Supply Current	Idd	Vdd = +3V	3.2	mA
LCD Driving Voltage	Vlcd	Vadj-Vss	24.1	V
LED B/L Supply Current	VLED	+3.5V	140	mA

## Dimension

