

BP160160A

Feature

1. FSTN LCD, TAB IC, TCP package
2. No built-in controller, recommend SED1335
3. +5V power supply
4. 4-Bit data bus
5. 1/160 duty cycle
6. Option: EL B/L & EL invert

Mechanical Data

Item	Standard Value	Unit
Module Dimension	69.0 x 69.5	mm
Viewing Area	60.1 x 60.0	mm
Dot Size	0.335 x 0.335	mm
Dot Pitch	0.35 x 0.35	mm



Pin Assignment

Pin	Symbol	Function
1	D0~D3	Data bus line (4 bits)
2	/DISPOFF	H:Display ON(default) L:Display OFF
3	FLM	First Line Marker
4	NC(M)	No connection(M signal input while not built-in circuit)
5~8	LP	Data latch pulse
9	CP	Clock signal
10	Vdd	Power supply for Logic(+5V)
11	Vss	Power supply (GND)
12	Vlcd	Positive voltage output +25V
13	Vadj	Contrast adjustment input (Vadj-Vss=LCD driving voltage)
14	EL_ON	EL on/off signal H:EL on L: EL off
15	Y1	Touch panel upper signal in Y axis
16	X2	Touch panel lower signal in Y axis
17	Y2	Touch panel lower signal in Y axis
18	X1	Touch panel left signal in X axis
19,20	NC	EL on(off) /NC

Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd	Vdd = +3V	5.0	V
Supply Current	Idd	Vdd = +3V	500	μA
LCD Driving Voltage	Vdd-V4	25°C	8.4	V
EL Power Supply Current	VEL	Vel=110 VAC;400Hz	110	V

Dimension

