BP160160B

Feature

1. FSTN LCD, TAB IC, TCP package
2. Built-in controller RA8835
3. +3V ~ +5V power supply
4. 8-Bit data bus
5. 1/160 duty cycle
6. Built-in Positive Voltage For LCD
7. Option: LED B/L EL B/L & EL inverter
8. Option: T/P, T/P decoder



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	RST	Reset signal
2	RD	80s:read signal/68s:enable signal (E)
3	WR	80s:write signal/68s: R/W signal
4	CS	Chip select
5	Ao	Data select
6~13	DB0-7	Data bus line
14	Vdd	Power supply (+3V ~ +5V)
15	Vss	Power supply (GND)
16	Vlcd	Positive voltage output(+25V)
17	Vadj	Contrast adjustment (Vadj - Vss)
18	EL_ON	Backlight on / off signal
19	SK*/X1**	Serial clock / Right signal in X axis
20	DO*/X2**	Data output/ Left signal in X axis
21	DI*/Y1**	Data input/ Lower signal in Y axis
22	CS*/Y2**	Chip select/ Upper signal in Y axis
23	INT	Interrupt signal for Touch Panel controller
24	NC	No connection
Remark	* for built-in touch panel controller/ ** for external touch panel controller	

Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd		5.0	V
Supply Current	Idd	Vdd = +3V	75	mA
LCD Driving Voltage	Vadj-Vss	25°C	19.0	V
LED Forward Voltage	Vf	25°C	3.2	V
Edge LED Forward Current	If	25°C	60	mA

Dimension

