



Features:

- Resolution:320S*240C Dots
- Duty ratio: 1/240
- LCD option: FSTN
- Backlight option: None, LED, CCFL
- Controller IC: S1D13700 or equivalent
- N.V. built-in

Pin Assignment		
Pin No.	Symbol	Function
1	VSS	Ground
2	VDD	Power Supply
3	ADJ1	Operating voltage for LCD.
4	/RD	Data read
5	/WR	Data write
6	A0	Command /Data read or write select.
7~14	DB0~DB7	Data bus.
15	/CS	Chip select
16	/RES	Reset signal
17	ADJ1	Operating voltage for LCD.
18	FG	Frame ground.
19	NC	Not connection.
20	NC	Not connection.
	A	Power Supply for LED backlight anode input
	K	Power Supply for LED backlight cathode input

Absolute Maximum Rating						
Item	Symbol	Condition	Min.	Max.	Units	
Power Supply voltage	Vdd-Vss	—	-0.3	7.0	V	
LCD driving supply voltage	V0-Vss	—	-0.3	25.0	V	
Input voltage	Vin	—	-0.3	VDD+0.3	V	
Electrical Characteristics						
Item	Symbol	Condition	Min.	Typ.	Max.	Units
Power Supply voltage	Vdd-Vss	—	4.5	5	5.5	V
LCM operation voltage	Vop	-20°C	21.8	22.1	22.3	V
		25°C	21.8	22.1	22.3	V
		70°C	21.5	21.8	22.1	V
LCM current consumption (NO B/L)	Idd	Vdd=5.0V	—	40	70	mA
Backlight current consumption	LED/edge	VB/L=4.2V	—	200	—	mA
	LED/white	VB/L=3.5V	—	160	—	mA