



**Features:**

- ◀ Resolution: 320RGB\*240 Dots
- ◀ Duty ratio:1/240
- ◀ LCD option: FSTN
- ◀ Backlight option(H2/H1mm): CCFL(-/7.5)

Pin Assignment		
LCD Module		
Pin No.	Symbol	Function
1	FLM	AC signal input pin for LCD driving waveform
2	CL1	Display data latch Pulse
3	CL2	Display data shift Pulse
4	/DISPOFF	Enable Driver on (H) or off (L)
5	VDD	Power supply (+5V)
6	VSS	Ground
7	VLCD	Power supply for LCD
8~15	DB0~DB7	DB0~DB7 Data bus
16	VSS	Ground
CCFL Backlight		
Pin No.	Symbol	Function
1	VCCFL	AC Power supply for CCFL backlight
2	NC	No connection
3	NC	No connection
4	VCCFL	AC Power supply for CCFL backlight

Absolute Maximum Rating								
Item	Symbol	Condition	Min.	Max.	Units			
Supply for logic voltage	Vdd-Vss	25°C	-0.3	+7.0	V			
LCD driving supply voltage	Vee-Vss	25°C	-0.3	+45.0	V			
Input voltage	Vin	25°C	-0.3	Vdd+0.3	V			
Electrical Characteristics								
Item	Symbol	Condition	Min.	Typical	Max.	Units		
Power supply voltage	Vdd-Vss	25°C	3.2	3.3	3.4	V		
LCD operation voltage	Vop	Top	N	W	N	W	V	
		-20°C	-	-	-	-	V	
		0°C	-	-	-	-	V	
		25°C	-	24.4	-	25.4	-	V
		50°C	-	-	-	-	-	V
LCM current consumption (No B/L)	Idd	Vdd=5V	-	3.0	4.5	mA		
	Iee	Vee=25.4V	-	7.5	11.3	mA		
Backlight current consumption	-	-	-	-	-	mA		

