



Features:

- ◀ Resolution: 240S*64C Dots
- ◀ Duty ratio: 1/64
- ◀ LCD option: FSTN
- ◀ Backlight option(H2/H1mm):CCFL (3.4/14.0)
- ◀ Controller IC: SED 1565 or equivalent

Pin Assignment		
Pin no.	Symbol	Function
1	Vss	Power Supply (GND)
2	VDD	Power Supply
3	VEA	LCD operating voltage
4	A0	Display / Control Data port select
5	R/W	Data read/write
6	E	Enable signal
7-14	DB0~DB7	Date bus line
15	P/S	Parallel/ serial data select
16	/RES	Reset
17	/CS2	Chip select
18	/CS1	Chip select
19	NC	No connection
20	NC	No connection

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	Vdd-Vee	25°C	-0.3	18.0	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	4.5	-	5.5	V			
		Top	N	W	N	W	N	W	V
LCD operation voltage	Vop	0°C	-	-	-	-	V		
		25°C	-	9.7	-	10.0	-	10.3	V
		50°C	-	-	-	-	-	V	
		70°C	-	-	-	-	-	V	
LCM current consumption (No B/L)	Idd	Vdd=5V	-	3.0	5.0	mA			
Backlight current consumption	LED/edge	VB/L=4.2V	-	-	-	mA			
	LED/array	VB/L=4.2V	-	-	-	mA			