



Features:

- Resolution: 128S*64C Dots
- Duty ratio:1/64
- LCD option: STN, FSTN
- Backlight option(H2/H1mm): None(-/1.7)
- Controller IC:ST7565S
- COF Process

Pin Assignment		
Pin No.	Symbol	Function
1	VSS	Power supply (GND)
2	VDD	Power supply (+)
3	/CS	Chip select
4	/RST	Reset
5	A0	Control/display data input
6	R/W	8080 write; 6800 read/write
7	E	8080 read; 6800 enable
8~15	DB0~DB7	Data bus
16	Vo	Contrast adjust
17	C86	CPU mode 6800/8080 select
18	P/S	Parallel/serial 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	2.0	5.5	V				
LCD driving supply voltage	Vdd-Vee	25°C	-4.0	-13.0	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	1.8	3.0	3.3	V			
		-20°C	Top	N	W	N	W	V	
			-	10.3	-	10.5	-	10.7	V
		0°C	-	-	-	-	-	V	
			25°C	-	9.8	-	10.1	-	10.2
		70°C	-	-	-	-	-	V	
-	7.9		-	8.1	-	8.3	V		
LCM current consumption (No B/L)	Idd	Vdd=3.0V	-	0.3	0.6	mA			
			-	-	-	-	mA		
Backlight current consumption	-	-	-	-	-	mA			