



**Features:**

- Resolution: 132S\*64C Dots
  - Duty ratio: 1/65
  - LCD Option: STN
  - Backlight option (H2/H1): None (-/2.0)
- Controller IC: ST7565S

Pin Assignment			
Pin No.	Symbol	Pin No.	Symbol
1	/CS1	15	VSS
2	/RES	16	VOUT
3	AO	17	CAP3-
4	/WR	18	CAP1+
5	/RD	19	CAP1-
6	D0	20	CAP2-
7	D1	21	CAP2+
8	D2	22	CAP4-
9	D3	23	V1
10	D4	24	V2
11	D5	25	V3
12	D6	26	V4
13	D7	27	V5
14	VDD	28	VR

Absolute Maximum Rating									
Item	Symbol	Condition	Min.	Max.	Units				
Supply for logic voltage	Vdd-Vss	25°C	-0.3	5.0	V				
LCD driving supply voltage	Vdd-Vee	25°C	-13.0	+0.3	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	3.1	3.3	3.5	V			
LCD operation voltage	Vop	Top	N	W	N	W	V		
		-20°C	-	-	-	-	V		
		0°C	-	-	-	-	V		
		25°C	-	8.85	-	9.0	-	9.15	V
		50°C	-	-	-	-	-	V	
		70°C	-	-	-	-	V		
LCM current consumption (No B/L)	Idd	Vdd=3.3V	-	1.1	1.65	mA			

