



Parallel/Serial Interface Mode

Type	P/S	IMS	CSB	Interface mode
Parallel	H	H	CSB	6800-series MPU interface
		L		8080-series MPU interface
Serial	L	H	CSB	4-pin SPI interface
		L	No use	IIC serial interface

Interface			
Pin no	Symbol	Pin no	Symbol
1	VDD	15	D7
2	V0	16	D6
3	NC	17	D5
4	VLCDIN	18	D4
5	NC	19	D3
6	NC	20	D2
7	NC	21	D1
8	NC	22	D0
9	NC	23	E(RD)
10	NC	24	R/W
11	NC	25	DC
12	NC	26	RES
13	VSS	27	CS
14	VDD	28	PS1

Feature			
Controller	ST7568	Module	38.6 x 33.6
Duty	1/68 duty	Viewing Area	32.5 x 21.5
Bias	1/9 bias	Mounting hole	-
B/L	No	Character Size	0.26 x 0.26

Absolute Maximum Rating					
I tem	Symbol	Condition	Min	Max	Units
Supply for logic voltage	Vdd-Vss	25°c	-0.3	3.6	V
LCD driving supply voltage	Vdd-Vss	25°c	-0.3	13.5	V
Input voltage	Vin	25°c	-0.5	Vdd+0.5	V

Electrical Characteristics						
Item	Symbol	Condition	Min.	Typ.	Max.	Units
Power supply voltage	Vdd-Vss	25°c	1.8	-	3.3	V
LCD operation voltage	Vop	25°c	-	9.6	-	V