



Interface		
Pin no	Symbol	Function
1	RST	External reset pin
2	RS	H/L Register select signal
3	CS	Chip select (Low active)
4	SCL	serial clock
5	SI	input data
6	VSS	Power supply (GND)
7	VDD	Power supply(+)
8	VOUT	Contrast Adjustment
9	CAP1P	For voltage booster circuit(VDD-VSS) External capacitor about 0.1u~4.7uf.
10	CAP1N	For voltage booster circuit(VDD-VSS) External capacitor about 0.1u~4.7uf.

Feature						
Controller	ST7032I	Module	34.0 x 16.0			
Duty	1/8 duty	Viewing Area	32.0 x 8.0			
Bias	1/4 bias	Mounting hole	-			
B/L	WHITE	Character Size	0.6 x 0.6			
Absolute Maximum Rating						
I tem	Symbol	Condition	Min	Max	Units	
Supply for logic voltage	Vdd-Vss	25°c	-0.3	7	V	
LCD driving supply voltage	Vdd-Vss	25°c	-0.3	13	V	
Input voltage	Vin	25°c	-0.3	Vdd+0.3	V	
Electrical Characteristics						
Item	Symbol	Condition	Min.	Typ.	Max.	Units
Power supply voltage	Vdd-Vss	25°c	2.7	-	5.5	V
LCD operation voltage	Vop	25°c	-	3.5	-	V
LED Forward Voltage	VF	25°c	-	3.2	-	V
LED Forward Current	IF	25°c	-	40	-	mA