



Interface		
Pin no	Symbol	Function
1	VOUT	DC-DC voltage converter.
2	CAP-	For voltage booster circuit(VDD-VSS) External capacitor about 0.1u~4.7uf.
3	CAP+	For voltage booster circuit(VDD-VSS) External capacitor about 0.1u~4.7uf.
4	VDD	Power supply(+)
5	VSS	Power supply (GND)
6	SDTAT	Serial date input
7	SCLK	Serial clock input
8	RST	Enternal reset pin

Feature						
Controller	ST7032I	Module	79.0 x 28.0			
Duty	1/16 duty	Viewing Area	76.0 x 18.0			
Bias	1/5 bias	Mounting hole	-			
B/L	Y/G	Character Size	3.91 x 7.69			
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	-	4.5	-	V
LED Forward Voltage	VF	25°c	-	4.2	-	V
LED Forward Current	IF	25°c	-	20	-	mA