



Interface		
Pin no	Symbol	Function
1	V6	Power supply for LCD driver
2	V5	
3	V4	
4	V3	
5	V2	
6	C2P	External capacitor of DC-DC Voltage Converter
7	C2N	
8	C1N	
9	C1P	
10	C3N	
11	VEE	Negative voltage
12	VSS	GND
13	VDD	Power supply
14	SDA	Serial data
15	SDK	Serial clock
16	D/C	Data/Command control
17	/CS1	Chip select input
18	/RES	Reset signal input

Feature			
Controller	SSD1815	Module	54 x 50
Duty	1/64 duty	Viewing Area	49 x 38
Bias	1/9 bias	Mounting hole	-
B/L	WHITE	Character Size	0.32 x 0.51

Absolute Maximum Rating					
I tem	Symbol	Condition	Min	Max	Units
Supply for logic voltage	Vdd-Vss	25°C	-0.3	4	V
LCD driving supply voltage	Vdd-Vss	25°C	-0.3	-18	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	1.8	-	3.5	V
LCD operation voltage	Vop	25°C	8.2	9	8.8	V
LED Forward Voltage	VF	25°C	-	3.2	-	V
LED Forward Current	IF	25°C	-	60	-	mA