



NOTE:
 1.DISPLAY TYPE :STN/GRAY
 2.VDD :+3.3V
 3.OPERATING VOLTAGE:8.0V
 4.DRIVE METHOD :1/65 DUTY 1/9 BIAS
 5.VIEWING DIRECTION:6 O'CLOCK
 6.POLARIZER MODE :TRANSELECTIVE/POSITIVE
 7.OPERATING TEMP :-20°C ~ +70°C
 8.STORAGE TEMP :-30°C ~ +80°C
 9.CONNECTOR :COG4FPC
 10.USE IC :SSD1815BZ

1	2	3	4	5	6	7	8	9	10
VDD	C68	VSS	VL6	VL5	VL4	VL3	VL2	C2P	C2N
11	12	13	14	15	16	17	18	19	20
CLN	C1P	C1N	VEE	VSS	D7	D6	D5	D4	D3
21	22	23	24	25	26	27	28		
D2	D1	D0	E/RD	R/W	D/C	/RES	/CS1		

FEATURE

1. STN, Positive, Transflective/Display dot: Blue/Background: Gray
2. IC: SSD1815BZ
3. 1/65 Duty, 1/9 Bias, 6 O'clock.
4. Backlight: NA

Pin NO	Symbol	Pin NO	Symbol
1	VDD	15	VSS
2	C68/80	16	D7
3	VSS	17	D6
4	VL6	18	D5
5	VL5	19	D4
6	VL4	20	D3
7	VL3	21	D2
8	VL2	22	D1
9	C2P	23	D0
10	C2N	24	E/RD
11	C1N	25	R/W
12	C1P	26	D/C
13	C3N	27	/RES
14	VEE	28	/CS1

MECHANICAL DATA		
Item	Standard Value	Unit
Module Dimension	34.0(W) X 43.7(H) X 1.8(T)	mm
Viewing Area	30.0(W) X 22.0(H)	mm
Dot Size	0.23(W) X 0.23(H)	mm
Dot Pitch	0.25(W) X 0.25(H)	mm

ABSOLUTE MAXIMUM RATING					
Item	Symbol	Standard Value			Unit
		min	typ	max	
Logic Power Supply	VDD-VSS	-0.3		4	V
LCD Drive Voltage	Vo-VSS	-0.3		16	V

ELECTRONICAL CHARACTERISTICS						
Item	Symbol	Condition	Standard Value			Unit
			min	typ	max	
Supply Voltage for Logic	VDD-VSS	25°C	2.4	3.3	3.5	V
Supply Voltage For LCD Drive	Vo-VSS	25°C	7.5	8.0	8.5	V
Input Voltage	VIN	25°C	VSS -0.3		VDD +0.3	V
Current Consumption	ID	25°C		0.7	1	mA
Operating Temp	Top		-20		70	°C
Storage Temp	Tst		-30		80	°C