



- NOTES:
 1. DISPLAY TYPE: STN/GRAY
 2. VIEW DIRECTION: 6 O'CLOCK
 3. POLARIZER TYPE: TRANSPARENT/POSITIVE
 4. DRIVE METHOD: 1/32DUTY 1/6BIAS
 5. LCD DRIVING VOLTAGE: 8.0V
 6. OPERATING TEMP: -10°C~+50°C
 7. STORAGE TEMP: -10°C~+60°C
 8. CONTROLLER IC: SSD1815T2
 9. CONNECTOR TYPE: TAB

PIN	SYMBOL	PIN	SYMBOL
1	DUMMY	19	C3N
2	CL	20	C1P
3	/CS1	21	C1N
4	/RES	22	C2N
5	D/C	23	C2P
6	R/W	24	VFS
7	E/RD	25	VL2
8	D0	26	VL3
9	D1	27	VL4
10	D2	28	VL5
11	D3	29	VL6
12	D4	30	VF
13	D5	31	CLS
14	D6	32	C68/80
15	D7	33	P/S
16	VDD	34	/HPM
17	VSS	35	IRS
18	VEE	36	DUMMY

PIN FUNCTION

FEATURE

- FSTN, Positive, Transflective/Display dot: Blue/Background: GRAY**
- IC: SSD1815T2**
- 1/32 Duty, 1/6 Bias, 6 O'clock.**
- Backlight: NA**

Pin NO	Symbol	Pin NO	Symbol
1	DUMMY	25	VL2
2	CL	26	VL3
3	/CS1	27	VL4
4	/RES	28	VL5
5	D/C	29	VL6
6	R/W	30	VF
7	E/RD	31	CLS
8	D0	32	C68/80
9	D1	33	P/S
10	D2	34	/HPM
11	D3	35	IRS
12	D4	36	DUMMY
13	D5		
14	D6		
15	D7		
16	VDD		
17	VSS		
18	VEE		
19	C3N		
20	C1P		
21	C1N		
22	C2N		
23	C2P		
24	VFS		

MECHANICAL DATA		
Item	Standard Value	Unit
Module Dimension	32.9(W) X 30.6(H) X 1.8(T)	mm
Viewing Area	29.9(W) X 9.96(H)	mm
Mounting hole	0.25(W) X 0.2(H)	mm
Dot Pitch	0.28(W) X 0.23(H)	mm

ABSOLUTE MAXIMUM RATING					
Item	Symbol	Standard Value			Unit
		min	typ	max	
Logic Power Supply	VDD-VSS	-0.3		4.0	V
LCD Drive Voltage	Vo-VSS	0		16	V

ELECTRONICAL CHARACTERISTICS						
Item	Symbol	Condition	Standard Value			Unit
			min	typ	max	
Supply Voltage for Logic	VDD-VSS	25°C	2.8	3.3	3.8	V
SUPPLY Voltage For LCD Drive	Vo-VSS	25°C	7.5	8.0	8.5	V
Input Voltage	VIN	25°C	VDD -0.3		VDD +0.3	V
Current Consumption	ID	25°C		0.1	1	mA
Operating Temp	Top		-0		50	°C
Storage Temp	Tst		-10		60	°C