



NO.	SYMBOL	NO.	SYMBOL
1	NC	26	VDD2
2	NC	27	VSS
3	NC	28	VOUT
4	NC	29	NC
5	FR	30	CAP3+
6	CL	31	CAP1-
7	DOF	32	CAP1+
8	NC	33	CAP2+
9	CS1	34	CAP2-
10	CS2	35	VEXT
11	RES	36	VRS
12	A0	37	V4
13	WR	38	V2
14	RD	39	V3
15	DO	40	V1
16	D1	41	V0
17	D2	42	VR
18	D3	43	M/S
19	D4	44	CLS
20	D5	45	C86
21	D6	46	P/S
22	D7	47	HPM
23	DUTY0	48	IRS
24	DUTY1	49	NC
25	VDD		

- NOTES:
1. DISPLAY TYPE:FSTN
 2. VIEW DIRECTION:6 O'CLOCK
 3. POLARIZER TYPE:TRANSFLECTIVE/POSITIVE
 4. DRIVE METHOD:1/33DUTY 1/6BIAS
 5. LCD DRIVING VOLTAGE:6.0V
 6. LOGIC SUPPLY VOLTAGE:2.8V
 7. OPERATING TEMP:-10°C~+60°C
 8. STORAGE TEMP:-20°C~+70°C
 9. CONTROLLER IC:NT7532H-TABF1
 10. CONNECTOR TYPE:TAB

DOTS: DETAIL
SCALE: 10X

FEATURE

1. FSTN, Positive, Transflective/Display dot: Black/Background: white
2. IC: NT7532H-TABF1
3. 1/33 Duty, 1/6 Bias, 6 O'clock.
4. Backlight: NA

Pin NO	Symbol	Pin NO	Symbol	Pin NO	Symbol
1	NC	25	VDD	49	NC
2	NC	26	VDD2		
3	NC	27	VSS		
4	NC	28	VOUT		
5	FR	29	NC		
6	CL	30	CAP3+		
7	DOF	31	CAP1-		
8	NC	32	CAP1+		
9	CS1	33	CAP2+		
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24	DUTY1	48	IRS		

MECHANICAL DATA		
Item	Standard Value	Unit
Module Dimension	40.4(W) X 32.6(H) X 1.78(T)	mm
Viewing Area	38 (W) X 8 (H)	mm
Mounting hole	0.18(W) X 0.175(H)	mm
Dot Pitch	0.20(W) X 0.195(H)	mm

ABSOLUTE MAXIMUM RATING					
Item	Symbol	Standard Value			Unit
		min	typ	max	
Logic Power Supply	VDD-VSS	-0.3		3.5	V
LCD Drive Voltage	Vo-VSS	0		11	V

ELECTRONICAL CHARACTERISTICS						
Item	Symbol	Condition	Standard Value			Unit
			min	typ	max	
Supply Voltage for Logic	VDD-VSS	25°C	2.3	2.8	3.3	V
SUPPLY Voltage For LCD Drive	Vo-VSS	25°C	5.5	6.0	6.5	V
Input Voltage	VIN	25°C	-0.3		VDD +0.3	V
Current Consumption	ID	25°C		0.07	2	mA
Operating Temp	Top		-10		60	°C
Storage Temp	Tst		-20		70	°C