



FEATURE

- 1. FSTN, Positive, Transflective
- 2. IC: NOVATEK NT7532H-DBT
- 3. 1/65Duty, 1/9Bias, 6 O'clock
- 4. Backlight: NA, Display dot: Black, Background: White

Pin NO	Symbol	Function
1	VDD	Power Supply for Logic
2	C86	H: 6800MPU L:8080MPU
3	VSS	Power Supply(GND)
4~8	V0~V4	Power Supply for LCD
9	CAP2-	DC/DC voltage converter Capacitors I/O
10	CAP+	
11	CAP1+	
12	CAP1-	
13	CAP3+	
14	VOUT	
15	VSS	Power Supply(GND)
16~23	D7~D0	8-Bit data bus lines
24	/RD	Read signal for 8080 MPU
25	/WR	Write signal for 8080 MPU
26	A0	Data/Command select
27	/RES	Reset signal
28	/CS1	Chip select (active low)

MECHANICAL DATA		
Item	Standard Value	Unit
Module Dimension	38.3(W) x 50.0(H) x 2.1MAX(T)	mm
Viewing Area	33.8(W) x 22.2(H)	mm
Dot Size	0.225(W) x 0.285(H)	mm
Dot Pitch	0.24(W) x 0.30(H)	mm

ABSOLUTE MAXIMUM RATING					
Item	Symbol	Standard Value			Unit
		min	typ	max	
Supply Voltage For Logic	VDD-VSS	-0.3	-	+3.6	V
Input Voltage	VIN	-0.3	-	VDD+0.3	V

ELECTRONICAL CHARACTERISTICS						
Item	Symbol	Condition	Standard Value			Unit
			min	typ	max	
Input Voltage	VIH	-	0.8VDD	-	VDD	V
	VIL		VSS	-	0.2VDD	
Output Voltage	VOH	IOH=-0.5mA	0.8VDD	-	VDD	V
	VOL	IOL=0.5mA	VDD	-	0.2VDD	
Current Consumption	IDD	-	-	0.51	1.0	mA
Logic Supply Voltage	VDD-VSS	-	2.5	3.0	3.5	V
LCD Drive Voltage	V0-VSS	-	8.3	8.8	9.3	V