TOSHIBA CMOS DIGITAL INTEGRATED CIRCUIT SILICON MONOLITHIC

TC4001BP, TC4001BF, TC4001BFN, TC4001BFT

TC4001B QUAD 2 INPUT NOR GATE

The TC4001B is 2-input positive NOR gate, respectively. Since the outputs of these gates are epuipped with the buffers, the input/output transmission characteristics have been improved and the variation of transmission time due to an increase in the load capacity is kept minimum. (Note) The JEDEC SOP (FN) is not available in Japan.



MAXIMUM RATINGS

CHARACTERISTIC	SYMBOL	RATING	UNIT
DC Supply Voltage	V _{DD}	$V_{SS} - 0.5 \sim V_{SS} + 20$	V
Input Voltage	VIN	$V_{SS} - 0.5 \sim V_{DD} + 0.5$	V
Output Voltage	Vout	$V_{SS} - 0.5 \sim V_{DD} + 0.5$	V
DC Input Current	I _{IN}	± 10	mA
Power Dissipation	PD	300 (DIP) / 180 (SOIC)	mW
Operating Temperature Range	Topr	- 40~85	°C
Storage Temperature Range	T _{stg}	- 65~150	°C

LOGIC DIAGRAM



PIN ASSIGNMENT (TOP VIEW)



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