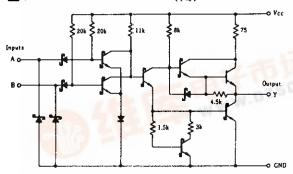
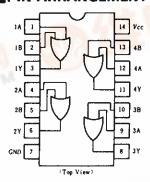
■CIRCUIT SCHEMATIC(½)



PIN ARRANGEMENT



ELECTRICAL CHARACTERISTICS $(Ta=-20\sim+75^{\circ}C)$

Item	Symbol	Test Conditions		min	typ*	max	Unit
Input voltage	Vin	N T T T T T T T T T T T T T T T T T T T		2.0	_	_	v
	VIL					0.8	v
Output voltage	V _{OH}	$V_{CC} = 4.75 \text{V}, V_{IH} = 2 \text{V}, I_{OH} = -400 \mu\text{A}$		2.7		_	V
		$V_{\rm CC} = 4.75 \text{V}, V_{IL} = 0.8 \text{V}$	Iot = 8mA	_	_	0.5	v
	Vol		IoL = 4mA			0.4	
Input current	Īтн	$V_{CC} = 5.25 \text{V}, V_I = 2.7 \text{V}$			-	20	μA
	Iιι	$V_{CC} = 5.25 \text{V}, V_{\ell} = 0.4 \text{V}$				-0.4	mA
	It	$V_{CC}=5.25$ V, $V_{I}=7$ V			_	0.1	mA
Short-circuit output current	los	Vcc=5.25V		- 20	_	-100	mA
Supply current	Іссн	Vcc=5.25V			3.1	6.2	mA
	IccL	Vcc = 5.25V		_	4.9	9.8	m/s
Input clamp voltage	Vik	$V_{CC}=4.75$ V, $I_{IN}=-18$ mA		_	_	-1.5	v

^{*} VCC=5V, Ta=25°C

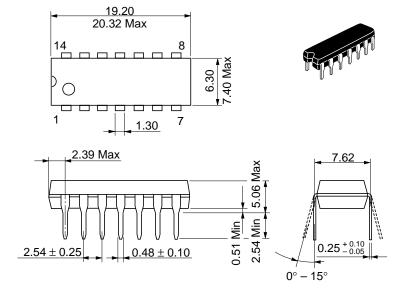
ESWITCHING CHARACTERISTICS ($V_{CC} = 5V$, $T_a = 25^{\circ}C$)

Item	Symbol	Test Conditions	min	typ	max	Unit
Propagation delay time	tplH .	$C_L = 15 \mathrm{pF}, R_L = 2 \mathrm{k} \Omega$	-	14	22	ns
	tPHL t		-	14	22	ns

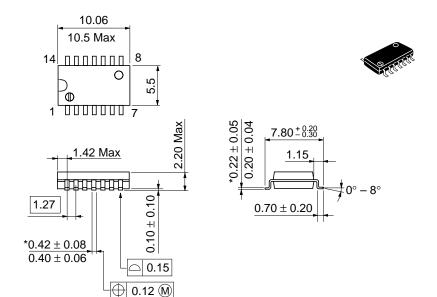
Note) Refer to Test Circuit and Waveform of the Common Item



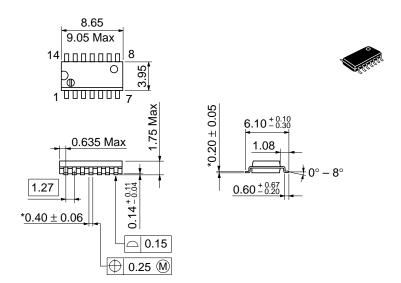








Unit: mm



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HITACHI

Hitachi, Ltd.

Semiconductor & Integrated Circuits. Nippon Bldg., 2-6-2, Ohte-machi, Chiyoda-ku, Tokyo 100-0004, Japan

Tel: Tokyo (03) 3270-2111 Fax: (03) 3270-5109

URL NorthAmerica : http:semiconductor.hitachi.com/ Europe : http://www.hitachi-eu.com/hel/ecg

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For further information write to:

Hitachi Semiconductor (America) Inc. 179 East Tasman Drive, San Jose, CA 95134 Tel: <1> (408) 433-1990 Fax: <1> (408) 433-0223 Hitachi Europe GmbH Electronic components Group Dornacher Stra§e 3 D-85622 Feldkirchen, Munich

Germany Tel: <49> (89) 9 9180-0

Fax: <49> (89) 9 29 30 00 Hitachi Europe Ltd. Electronic Components Group.

Whitebrook Park Lower Cookham Road Maidenhead Berkshire SL6 8YA, United Kingd

Berkshire SL6 8YA, United Kingdom Tel: <44> (1628) 585000 Fax: <44> (1628) 778322 Hitachi Asia Pte. Ltd. 16 Collyer Quay #20-00 Hitachi Tower Singapore 049318 Tel: 535-2100 Fax: 535-1533

Hitachi Asia Ltd. Taipei Branch Office

3F, Hung Kuo Building. No.167, Tun-Hwa North Road, Taipei (105) Tel: <886> (2) 2718-3666 Fax: <886> (2) 2718-8180 Hitachi Asia (Hong Kong) Ltd. Group III (Electronic Components) 7/F., North Tower, World Finance Centre, Harbour City, Canton Road, Tsim Sha Tsu Kowloon, Hong Kong

Tel: <852> (2) 735 9218 Fax: <852> (2) 730 0281 Telex: 40815 HITEC HX

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