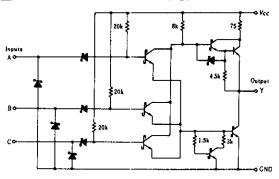
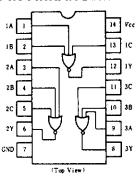
■CIRCUIT SCHEMATIC(1/3)



EPIN ARRANGEMENT



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

Item	Symbol	Test Conditions		min	typ*	max	Unit
Input voltage	ViH			2.0			v
	VIL			-	_	0.8	
Output voltage	Voн	$V_{CC} = 4.75 \text{V}, V_{IL} = 0.8 \text{V}, I_{OH} = -400 \mu\text{A}$		2.7	_		***************************************
	Vol	$V_{CC}=4.75$ V, $V_{IH}=2$ V	IoL = 4mA	-	_	0.4	v
			Io L = 8mA	_	_	0.5	
Input current	Iн	$V_{CC} = 5.25 \text{V}, V_I = 2.7 \text{V}$		_	-	20	μA
	II.	$V_{CC} = 5.25 \text{V}, V_l = 0.4 \text{V}$		-	_	-0.4	mA
	Iı	$V_{CC} = 5.25 \text{V}, V_I = 7 \text{V}$		-	_	0.1	mΑ
Short-circuit output current	los	Vcc = 5.25V		-20	_	-100	mA
Supply current	Іссн	Vcc=5.25V		_	2.0	4.0	mA
	I cc L	$V_{CC} = 5.25 \text{V}$			3.4	6.8	mA
Input clamp voltage	Vik	$V_{CC} = 4.75 \text{V}, I_{IN} = -18 \text{mA}$		_	_	-1.5	v

^{*} VCC=5V, Ta=25°C

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

Item	Symbol	Test Conditions	min	typ	max	Unit
Propagation delay time	t PLH	$C_L = 15 \text{pF}, R_L = 2 \text{k}\Omega$		10	15	ns .
	t PHL	CL-13pr, RL-2ku	-	10	15	

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

Unit: mm



Hitachi Code	DP-14
JEDEC	Conforms
EIAJ	Conforms
Weight (reference value)	0.97 g

Unit: mm

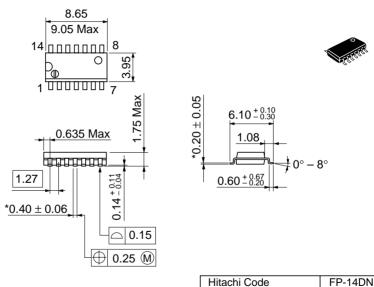


Weight (reference value)

0.23 g

*Dimension including the plating thickness
Base material dimension

Unit: mm



*Pd plating

JEDEC Conforms

EIAJ Conforms

Weight (reference value) 0.13 g

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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

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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 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 Tsui, Kowloon, Hong Kong Tel: <852> (2) 735 9218

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

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