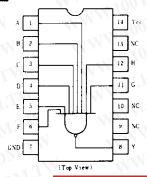
CIRCUIT SCHEMATIC

No. 174 88 75 No. 174 88 75 No. 174 88 75 No. 174 88 75 No. 174 No. 17

PIN ARRANGEMENT



勝 特 力 材 料 886-3-5753170 胜特力电子(上海) 86-21-54151736 胜特力电子(深圳) 86-755-83298787 Http://www.100y.com.tw

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

Item	Symbol	Test Conditions		min	typ*	max	Unit
Input voltage	VIH	LINN.Ing COM		2.0	-	11/21/-1	v
	VIL	M. 100 - CON		.7.7	_	0.8	v
Output voltage	Voн	$V_{CC} = 4.75 \text{V}, V_{IL} = 0.8 \text{V}, I_{OH} =400 \mu\text{A}$		2.7			10 v
	V_{OL} $V_{CC} = 4.75V$, $V_{IH} = 2V$		Iot = 8mA	WEIL	_	0.5	1.1 v
		VCC=4.75V, $VIH=2V$	Io L = 4mA	- 17	-	0.4	
Input current	Tin	$Vcc = 5.25V, V_i = 2.7V$		ON.	W -	20	μΑ
	In	$V_{CC} = 5.25 \text{V}, V_{\ell} = 0.4 \text{V}$		$-0^{\frac{1}{2}\sqrt{1+x}}$	_	-0.4	mA
WW 1 100	T _I	$V_{CC}=5.25$ V, $V_{I}=7$ V		AVE.	7 Y <u>-</u>	0.1	mА
Short-circuit output current	los	Vcc = 5.25V		- 20	TW	- 100	πА
c) MWW.	Іссн	Vcc = 5.25V		Y	0.35	0.5	m A
Supply current	Icci			~.€0	0.6	1.1	
Input clamp voltage	Vik	$V_{CC} = 4.75 \text{V}, I_{IN} = -18 \text{mA}$		= C(Mr	_€ -1.5	V

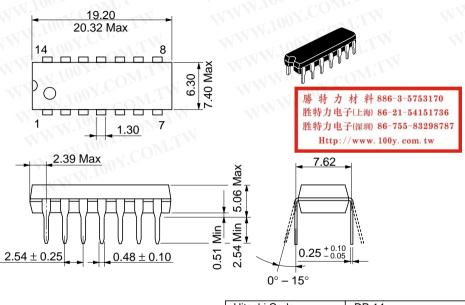
^{*} VCC=5V, Ta=25°C

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

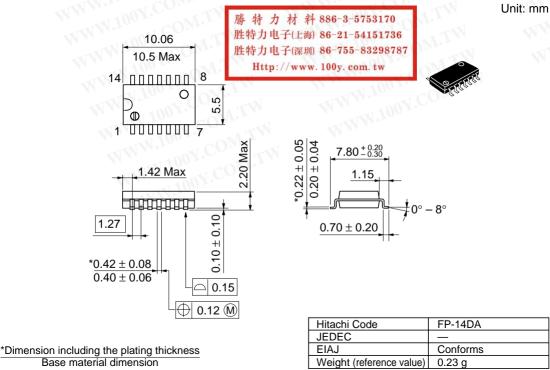
Item	Symbol	Test Conditions	min	typ	max	Unit
Propagation delay time	I PLH	COMP	11 115	8	15	ns
	tрнL	$C_L = 15 \text{pF}, R_L = 2 \text{k}\Omega$	VINATIO.	13	20	

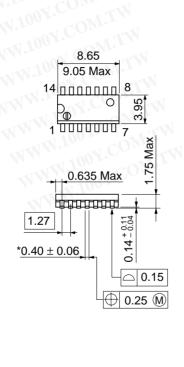
Note) Refer to Test Circuit and Waveform of the Common Item

Unit: mm



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





 $*0.20 \pm 0.05$

1.08

 $0.60^{+0.67}_{-0.20}$

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Hitachi Code	FP-14DN
JEDEC	Conforms
EIAJ	Conforms
Weight (reference value)	0.13 g

*Pd plating

Cautions

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