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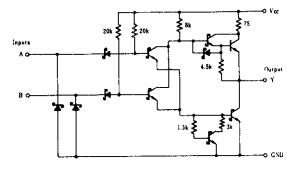
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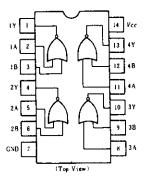
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PIN ARRANGEMENT



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

Item	Symbol	Test Conditio	ns	min	typ*	max	Unit
	Vin			2.0	_	-	v
Input voltage	VIL					0.8	v
	V он	$V_{CC} = 4.75V, V_{IL} = 0.8V, I_{OH} = -400 \mu A$		2.7	_		V
Output voltage	<u> </u>	$V_{CC} = 4.75 V, V_{IH} = 2 V$	<i>lo1</i> =8mA	_	-	0.5	v
	Vol		$I_{OL} = 4 \text{mA}$	-	_	0.4	
	Ін	$V_{cc} = 5.25 \text{V}, V_l = 2.7 \text{V}$			_	20	μA
Input current	lı ı.	$V_{cc} = 5.25 V, V_l = 0.4 V$. <u>Pre</u>	-	_	-0.4	mA
	<u>l</u> ı	$V_{CC} = 5.25 \text{V}, V_I = 7 \text{V}$		-	-	0.1	mA
Short-circuit output current	los	Vcc=5.25V		-20	-	-100	mA
	Іссн	<i>Vcc</i> =5.25V			1.6	3.2	mA
Supply current	IccL	<i>V_{cc}</i> =5.25V		-	2.8	5.4	mA
Input clamp voltage	Vik	$V_{cc} = 4.75$ V, $I_{IN} = -18$ m	A	-		-1.5	v

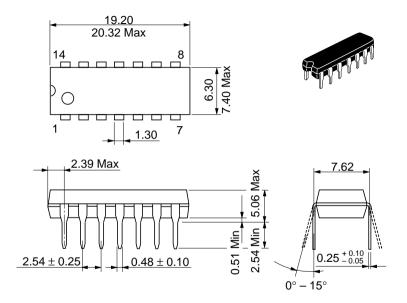
* V_{CC}=5V, Ta=25°C

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

Item	Symbol	Test Conditions	min	typ	max	Unit
	tpl.h	$C_L = 15 \mathrm{pF}, \ R_L = 2 \mathrm{k} \Omega$	_	10	15	ns
Propagation delay time	tPHL.			10	15	ns

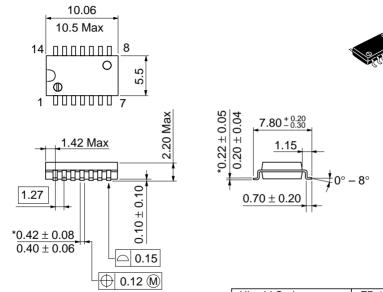
Note) Refer to Test Circuit and Waveform of the Common Item

Unit: mm



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

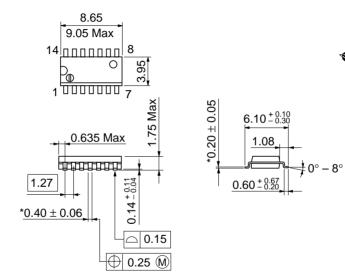
Unit: mm



*Dimension including the plating thickness Base material dimension

Hitachi Code	FP-14DA
JEDEC	—
EIAJ	Conforms
Weight (reference value)	0.23 g

Unit: mm



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

*Pd plating

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