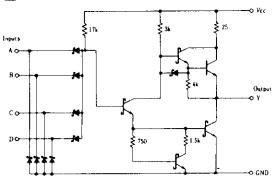
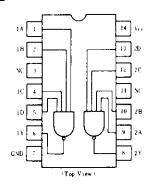
■CIRCUIT SCHEMATIC(½)



EPIN ARRANGEMENT



MRECOMMENDED OPERATING CONDITIONS

Item	Symbol	min	typ	max	Unit
High level output current	Іон		-	-1.2	mA
Low level output current	lor	_	-	24	mA

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

[tem	Symbol	Test Condition	min	typ*	max	Unit	
T . 1.	ViH			2.0		-	v
Input voltage	V_{IL}			-	_	0.8	v
	Voн	$V_{CC} = 4.75 \text{V}, V_{IL} = 0.8 \text{V}, I_{OH} = -1.2 \text{mA}$		2.7			V
Output voltage		$V_{CC} = 4.75 \text{V}, V_{IH} = 2 \text{V}$	Io1 = 24m A			0.5	v
	Vol		IoL = 12mA	_	-	0.4	
	Iн	$V_{\rm CC} = 5.25 \text{V}, V_{i} = 2.7 \text{V}$		_		20	μА
Input current	IIL	$V_{CC} = 5.25 \text{V}, V_I = 0.4 \text{V}$		_	-	0.4	mА
	It.	$V_{CC} = 5.25 \text{V}, V_I = 7 \text{V}$			-	0.1	mА
Short-circuit output current	I os	Vcc=5.25V		- 30	-	130	mΑ
5 1	Ісен	Vcc = 5.25V		_	0.45	1.0	mA
Supply current	lcc1	$V_{CC} = 5.25 \text{V}$			3	6	mА
Input clamp voltage	Vix	$V_{CC} = 4.75$ V, $I_{IN} = -18$ m	4		_	-1.5	V

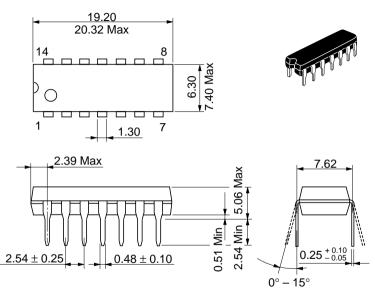
^{*} V_{CC}=5V, Ta=25°C

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

ltem	Symbol	Test Conditions	min	typ	max	Unit
Propagation delay time	tрын	$C_L = 45 \mathrm{pF}$. $R_L = 667 \Omega$	_	12	24	ns
r ropagation delay time	tph1.		_	12	24	ns

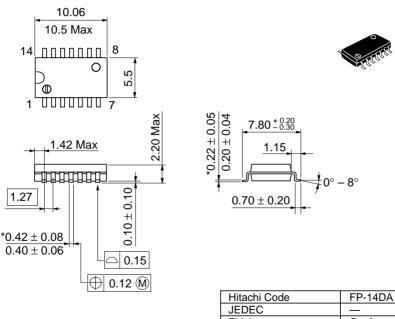
Note) Refer to Test Circuit and Waveform of the Common Item

Unit: mm



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

Unit: mm



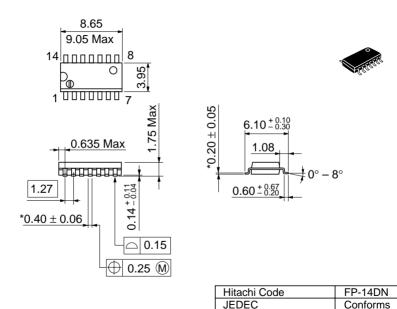
*Dimension including the plating thickness
Base material dimension

*Dimension including the plating thickness

Base material dimension

*United States of The 14-57 of The 14

Unit: mm



EIAJ

Weight (reference value)

Conforms

0.13 g

*Pd plating

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