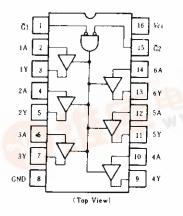
HD74也S365A Hex Bus Dr提客邦、表业PCB打样工厂 24小时加急

PIN ARRANGEMENT



ABSOLUTE MAXIMUM RATINGS

Item	Symbol	Ratings	Unit	
Supply voltage	Vcc	7.0	v	
Input voltage	VIN	7.0	v	
Output voltage (Off-state)	Voioff	5.5	v	
Operatin <mark>g temperat</mark> ure range	T.,.	-20~+75	•°C	
Storage temperature range	Ters	-65~+150	°C	

FUNCTION TABLE

C.C.M.	Inputs	· · · · ·	Output
\overline{G}_{+}	G 2	A	Y
Н	×	×	Z
×	Н	×	Z
L	L	L	L
L	L	Н	н
X;i: Z;o	igh level. L; relevant ff (high-impo	edance) state	WWW.DZSC

of a 3-state output

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

Item	1	Symbol	Test Conditio	ns	min	typ*	max	Unit
Input voltage		Vin			2.0	-		
		VIL					0.8	V
Output voltage		Von	$V_{cc} = 4.75 V, V_{iH} = 2V, V_{iL} = 0.1$	8V, <i>Ios</i> = -2.6mA	2.4		<u> </u>	
		Vol	$V_{cc} = 4.75 V, V_{in} = 2 V,$	10L = 24mA		_	0.5	v
			$V_{IL} = 0.8V$ $I_{OL} = 12mA$	$I_{OL} = 12 \text{mA}$			0.4	
Output current		1огн	$V_{CC} = 5.25 \text{V}, V_{IH} = 2 \text{V}$	Vo-2.4V		-	20	
		Tozz	$V_{iL} = 0.8V$	$V_0 = 0.4 V$	-	-	-20	μA
		Іт	$V_{cc} = 5.25 \text{V}, V_{iH} = 2.7 \text{V}$	9786915	-		20	μA
Input current A inputs		V_{ec} = 5.25V, V_{ℓ} = 0.5V, Either \overline{G} inputs = 2V		_	_	- 20	μA	
	In	Vcc-5.25V, Vr-0.4V, Both G inputs-0.4V		_		-0.4	mA	
	G inputs		Vcc-5.25V. V-0.4V		_	_	-0.4	mA
		I	$V_{cc} = 5.25 \text{V}, V_{l} = 7 \text{V}$			_	0.1	mA
Short-circuit out	put current	los	<i>V_{cc}</i> -5.25V		-40	-	-225	mA
Supply current		Icc**	Vcc=5.25V		-	14	24	mA
Input clamp volta;	ge	VIK	$V_{cc} = 5.25 \text{V}, \ I_{IN} = -18 \text{mA}$		_	-	-1.5	v

* Vcc=5V, Ta=25°C

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With all outputs open, I_{CC} is measured with all inputs grounded and all \overline{G} inputs at 4.5V.

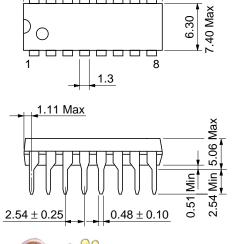
Item	Symbol	Test Conditions	min	typ	max	Uni
Propagation delay time tpln tpln tpln tpln tpln tpln tpln tpln tpln tpln	t _{PLN}		÷	10	16	
	t PH L	<i>C</i> ₁ = 45pF	—	9	22]
		$R_{\perp} = 667\Omega$		19	35	1
	tzL			24	40	ns
Output disable time	t HZ	C1-5pF			30]
	tLz	$R_{\perp} = 667 \Omega$	_		35]

ì

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

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





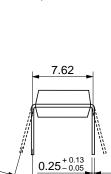
9

19.20 20.00 Max

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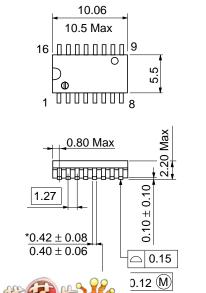
16

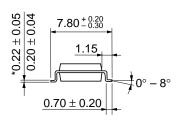




0° – 15°

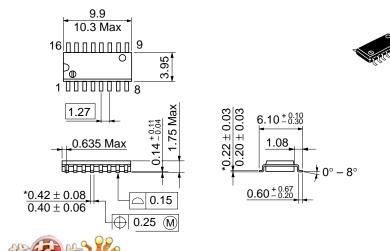
Unit: mm







Unit: mm



Unit: mm

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