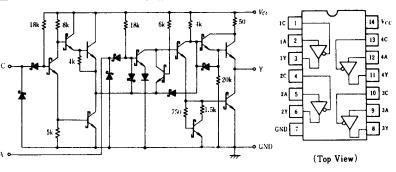
■CIRCUIT SCHEMATIC(¼)

PIN ARRENGEMENT SEFUNCTION TABLE



Inp	Inputs	
С	A	Y
Н	х	Z
L	L	L
L	Н	н

Note) H; high level,

L; low level,

X; irrelevant

Z; off (high-impedance) state of a 3-state output

TRECOMMENDED OPERATING CONDITIONS

Item	Symbol	min	typ	max	Unit
High level output current	Іон	_	_	-2.6	mA
Low level output current	I OL	_	-	24	mA

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

Item	Symbol	Test Conditions		min	typ*	max	Unit
	VIH			2.0	_	_	V
Input voltage	VIL				_	0.8	V
	Von	$V_{CC} = 4.75 \text{V}, V_{IH} = 2 \text{V}, V_{IL} = 0.8 \text{V}, I_{OH} = -2.6 \text{mA}$		2.4	_	-	V
Output voltage		$V_{CC} = 4.75 \text{V}, V_{IH} = 2 \text{V}, I_{OL} = 24 \text{m/s}$	IoL = 24mA		_	0.5	,,
	Vol	V _{IL} =0.8V	IoL = 12mA	_	_	0.4	v
Off-state output current	Ioz	$V_{CC} = 5.25 \text{V}, V_{IH} = 2 \text{V},$ $V_{IL} = 0.8 \text{V}$	Vo=2.4V	_	_	20	μΑ
			Vo=0.4V	-	_	- 20	
	IIH Vcc=	$V_{CC} = 5.25 \text{V}, V_I = 2.7 \text{V}$		- "	_	20	μΑ
Input current	lıı	$V_{CC} = 5.25 \text{V}, V_I = 0.4 \text{V}$		_	_	-0.4	mA
	lı	$V_{cc} = 5.25 \text{V}, V_I = 7 \text{V}$		-	_	0.1	mA
Short-circuit output current	los	Vcc=5.25V		-40	_	– 225	mA
Supply current	I cc	Vcc=5.25V		-	11	20	mА
Input clamp voltage	Vik	$V_{CC} = 4.75 \text{V}, I_{IN} = -18 \text{mA}$		_	_	-1.5	v

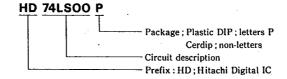
^{*} VCC=5V, Ta=25°C

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

Item	Symbol	Test Conditions	min	typ	max	Unit
Propagation delay time	tPLH		-	9	15	
	tPHL	$C_L = 45 pF$	-	7	18	
Output enable time	tzн	$R_L = 667\Omega$	_	12	20	
	tz L		_	15	25	ns
Output disable time	tHZ	$C_L = 5 pF$	-	_	20	
	tLZ	$R_L = 667\Omega$	-	_	20	

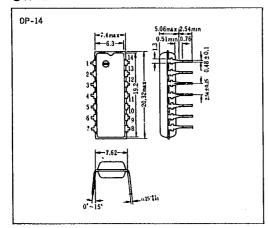
Note) Refer to Test Circuit and Waveform of the Common Item

Factory orders for circuits described in this databook should include a three-part type number as explained in the following example.

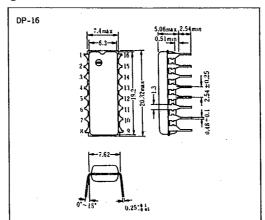


■Plastic DIP

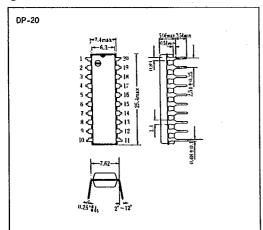
●14 Pin



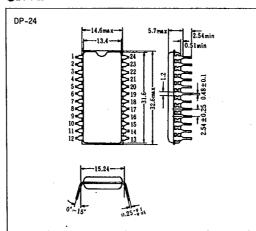
●16 Pin



●20 Pin



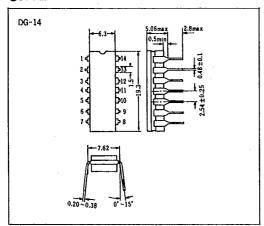
●24 Pin



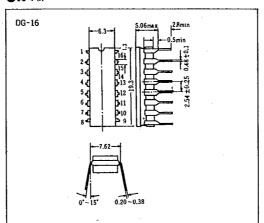
PACKAGING INFORMATIONS

■Cerdip

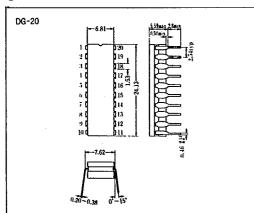
●14 Pin



●16 Pin



●20 Pin



●24 Pin

