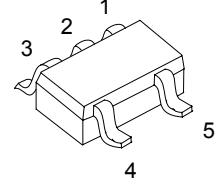


**U74AHCT1G126****CMOS IC****SINGLE BUS BUFFER GATE  
WITH 3-STATE OUTPUT****■ DESCRIPTION**

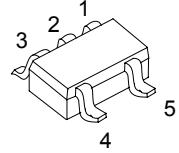
The U74AHCT1G126 is a single bus buffer gate with 3-state output controlled by enable input (OE). When OE is LOW, the output is disabled.

**■ FEATURES**

- \* Operation Voltage Range: 4.5~5.5V
- \* Low Power Dissipation: (10uA Max Icc)
- \* Inputs are TTL-Voltage Compatible



SOT-25

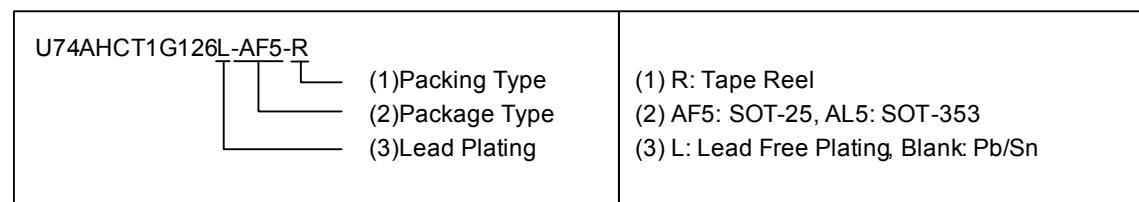
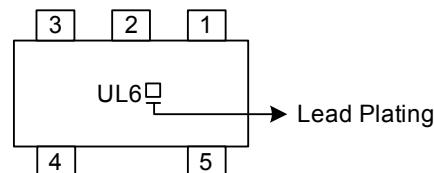


SOT-353

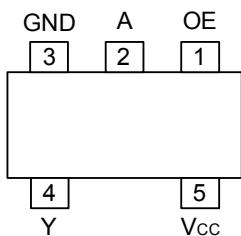
\*Pb-free plating product number:  
U74AHCT1G126L

**■ ORDERING INFORMATION**

Order Number		Package	Packing
Normal	Lead Free Plating		
U74AHCT1G126-AF5-R	U74AHCT1G126L-AF5-R	SOT-25	Tape Reel
U74AHCT1G126-AL5-R	U74AHCT1G126L-AL5-R	SOT-325	Tape Reel

**■ MARKING**

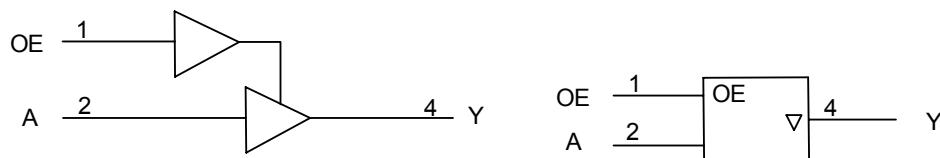
■ PIN CONFIGURATION



■ FUNCTION TABLE (each gate)

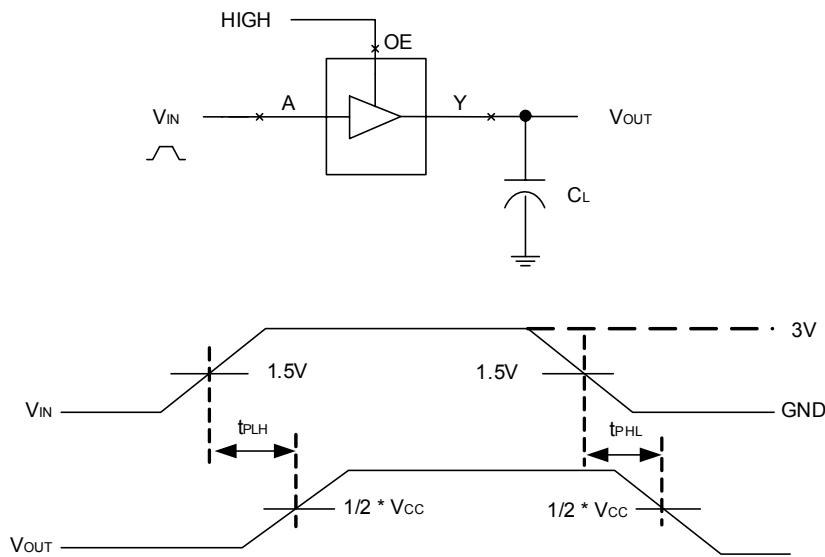
INPUT		OUTPUT
OE	A	Y
H	L	L
H	H	H
L	X	Z

■ LOGIC DIAGRAM (positive logic)





■ TEST CIRCUIT AND WAVEFORMS



Note:  $C_L$  includes probe and jig capacitance.

Fig-1 Propagation delay from A to Y

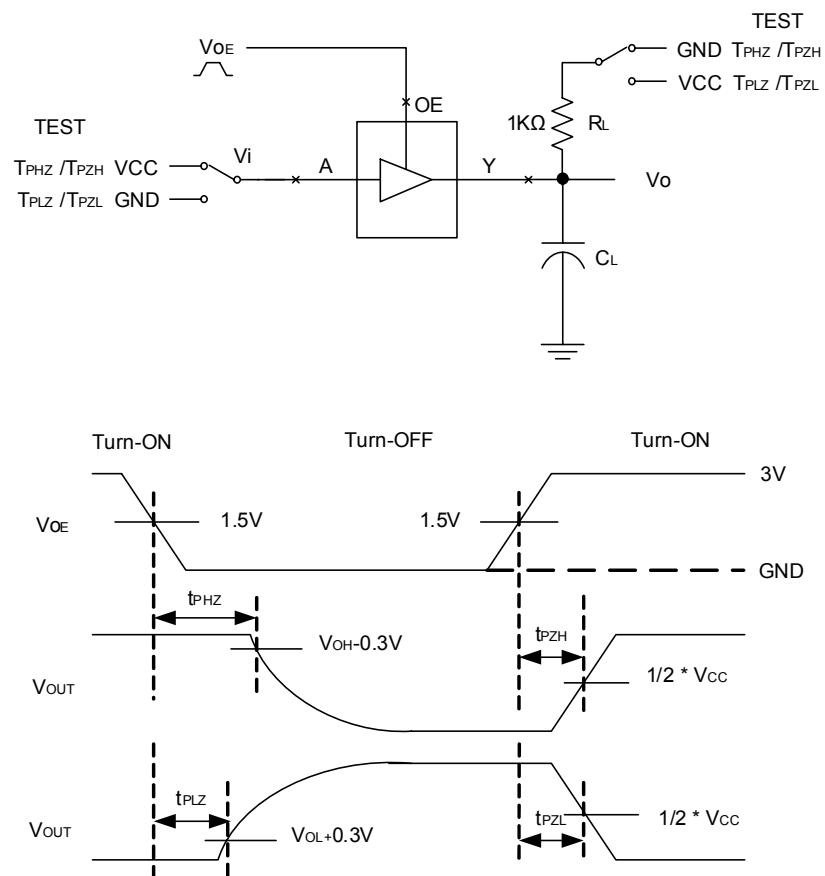


Fig-2 The turn-on and turn-off times.

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