



T-43-15-00

## DM54ALS30A/DM74ALS30A 8-Input NAND Gate

### General Description

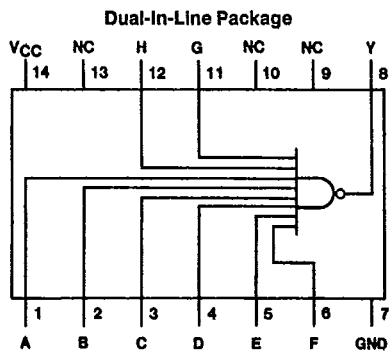
This device contains a single gate, which performs the logic NAND function.

### Features

- Switching specifications at 50 pF
- Switching specifications guaranteed over full temperature and  $V_{CC}$  range

- Advanced oxide-isolated, ion-implanted Schottky TTL process
- Functionally and pin for pin compatible with Schottky and low power Schottky TTL counterpart
- Improved AC performance over Schottky and low power Schottky counterparts

### Connection Diagram



TL/F/6189-1

**Order Number DM54ALS30AJ, DM74ALS30AM, DM74ALS30AN or DM74ALS30ASJ**  
See NS Package Number J14A, M14A, M14D or N14A

### Function Table

$$Y = \overline{ABCDEFGH}$$

Inputs A thru H	Output Y
All Inputs H	L
One or More Input L	H

H = High Logic Level

L = Low Logic Level

