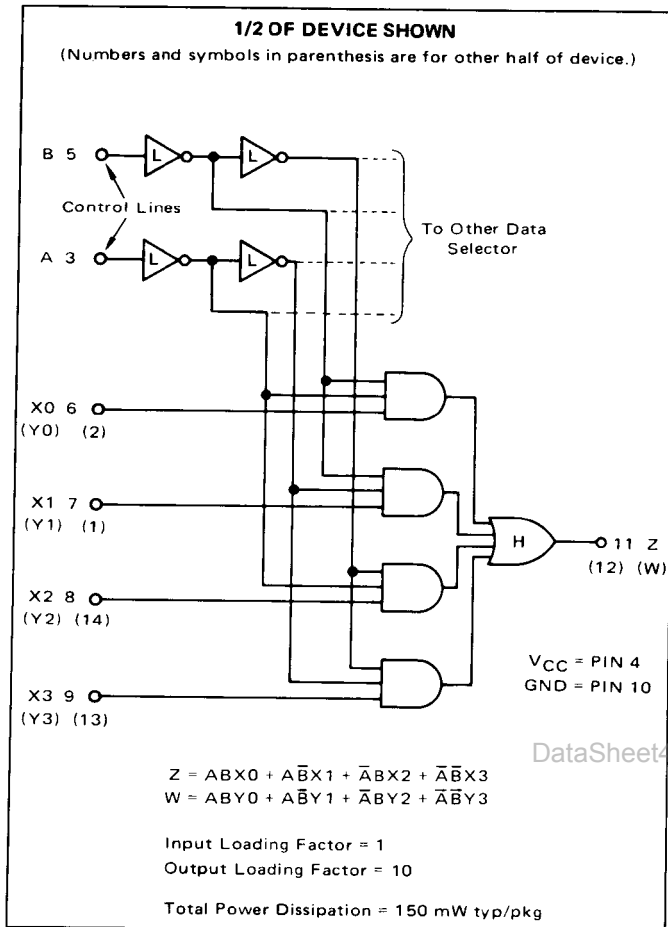


**DUAL 4-CHANNEL
DATA SELECTOR**

**MC4300
MC4000**



This device consists of two four-channel data selectors with common control lines, constructed from high-level AND-OR gates and low-level inverters. By selecting one of four logic combinations, information on one of the four data inputs will be routed to the output.

Data selectors are useful in applications where digital data is to be routed from one of several registers or locations to another register or location for processing.

TYPICAL PROPAGATION DELAY TIMES (ns)
 $T_A = 25^\circ\text{C}$

INPUT	Z	CONDITIONS
A	18	$X0 = X2 = X3 = \text{logic "0"}$, $X1 = \text{logic "1"}$. A and B are defined by the logic equations.
B	15	
X1	11	

