256-BIT READ-ONLY MEMORY | N7488

N7448–B,W

DIGITAL 54/74 TTL SERIES

DESCRIPTION

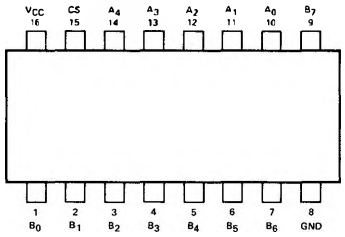
The 7488 is a TTL 256-Bit Read Only Memory organized as 32 word with 8 bits per word. The words are selected by five binary address lines with full word decoding incorporated on the chip. A Chip Select input is provided for additional decoding flexibility, which will cause all eight outputs to go to the high state when the Chip Select input is taken high.

This device is fully TTL or DTL compatible. The outputs are uncommitted collectors, which allows wired-OR operation with the outputs of other TTL or DTL devices. These outputs are capable of sinking twelve standard DCL loads. Propagation delay time is 50ns maximum. Power dissipation is 310 milliwatts with 400 milliwatts maximum.

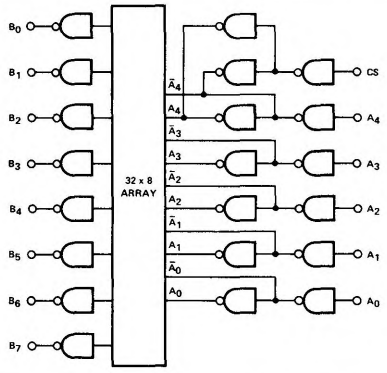
Customer may specify patterns for the 256-Bit Read Only Memory by completing the truth table/order blank.

PIN CONFIGURATIONS

B,W PACKAGE



LOGIC DIAGRAM



ELECTRICAL CHARACTERISTICS

PARAMETER	TEST CONDITIONS	MIN	TYP	MAX	UNIT
See 8223 or 8224 Data Sheet for Pin-for-Pin Replacement					

256-BIT READ ONLY MEMORIES TRUTH TABLE/ORDER BLANK

CUSTOMER: _____ THIS PORTION TO BE COMPLETED BY SIGNETICS

P.O. NO.: _____ PART NO.: _____

YOUR PART NO.: _____ S.D. NO.: _____

DATE: _____ DATE RECEIVED: _____

	INPUTS						OUTPUTS							
WORD	A_4	A_3	A_2	A_1	A_0	ENABLE	B_7	B_6	B_5	B_4	B_3	B_2	B_1	B_0
0	0	0	0	0	0	0								
1	0	0	0	0	1	0								
2	0	0	0	1	0	0								
3	0	0	0	1	1	0								
4	0	0	1	0	0	0								
5	0	0	1	0	1	0								
6	0	0	1	1	0	0								
7	0	0	1	1	1	0								
8	0	1	0	0	0	0								
9	0	1	0	0	1	0								
10	0	1	0	1	0	0								
11	0	1	0	1	1	0								
12	0	1	1	0	0	0								
13	0	1	1	0	1	0								
14	0	1	1	1	0	0								
15	0	1	1	1	1	0								
16	1	0	0	0	0	0								
17	1	0	0	0	1	0								
18	1	0	0	1	0	0								
19	1	0	0	1	1	0								
20	1	0	1	0	0	0								
21	1	0	1	0	1	0								
22	1	0	1	1	0	0								
23	1	0	1	1	1	0								
24	1	1	0	0	0	0								
25	1	1	0	0	1	0								
26	1	1	0	1	0	0								
27	1	1	0	1	1	0								
28	1	1	1	0	0	0								
29	1	1	1	0	1	0								
30	1	1	1	1	0	0								
31	1	1	1	1	1	0								
ALL	X	X	X	X	X	1	1	1	1	1	1	1	1	1