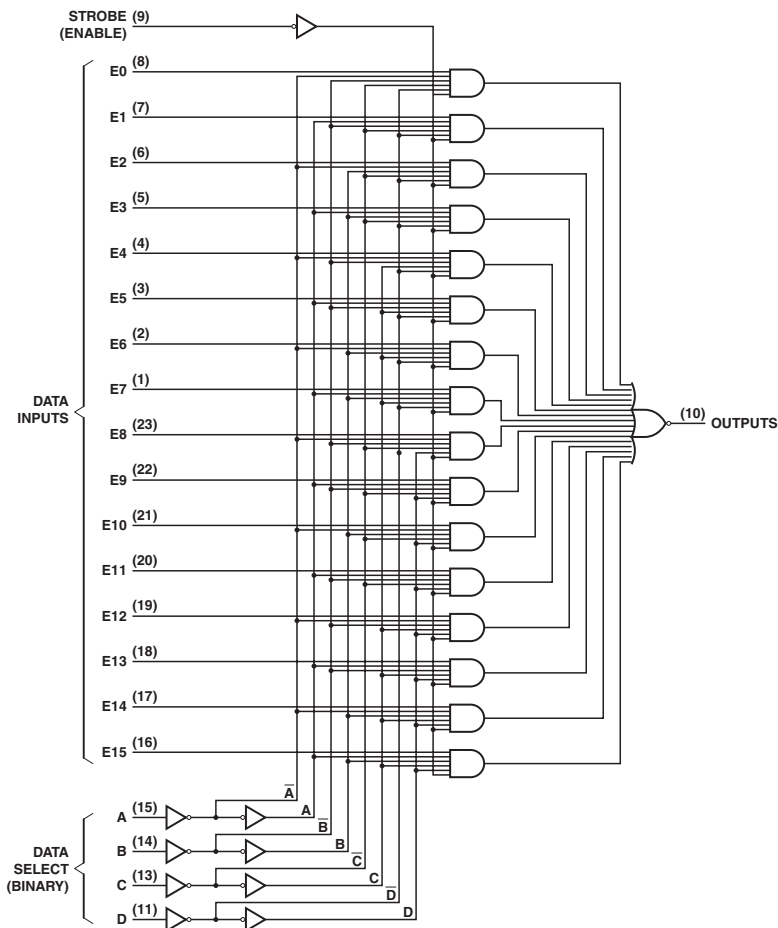


16-LINE TO 1-LINE DATA SELECTOR/MULTIPLEXER

Logic Diagram



FUNCTION TABLE

INPUTS					STROBE G	OUTPUT W
SELECT						
D	C	B	A			
X	X	X	X	H	H	
L	L	L	L	L	E0	
L	L	L	H	L	E1	
L	L	H	L	L	E2	
L	L	H	H	L	E3	
L	H	L	L	L	E4	
L	H	L	H	L	E5	
L	H	H	L	L	E6	
L	H	H	H	L	E7	
H	L	L	L	L	E8	
H	L	L	H	L	E9	
H	L	H	L	L	E10	
H	L	H	H	L	E11	
H	H	L	L	L	E12	
H	H	L	H	L	E13	
H	H	H	L	L	E14	
H	H	H	H	L	E15	

NOTES:

H = High Level, L = Low Level, X = irrelevant
 E0, E1 ... E15 = the complement of the level of the
 respective E input
 D0, D1 ... D7 = the level of the D respective input

ELECTRICAL CHARACTERISTICS AND RECOMMENDED OPERATING CONDITIONS

PARAMETER	MAX or MIN	TTL	UNIT
I _{CC}	MAX	48	mA
I _{OH}	MAX	-0.8	mA
I _{OL}	MAX	16	mA

SWITCHING CHARACTERISTICS

PARAMETER	INPUT	OUTPUT	MAX or MIN	TTL
t _{PLH}	A, B, C or D	W	MAX	35
				33
t _{PHL}	Strobe \bar{G}	W	MAX	24
				30
t _{PLH}	E0 thru E15 or E0 thru D7	W	MAX	14
				20

UNIT:ns