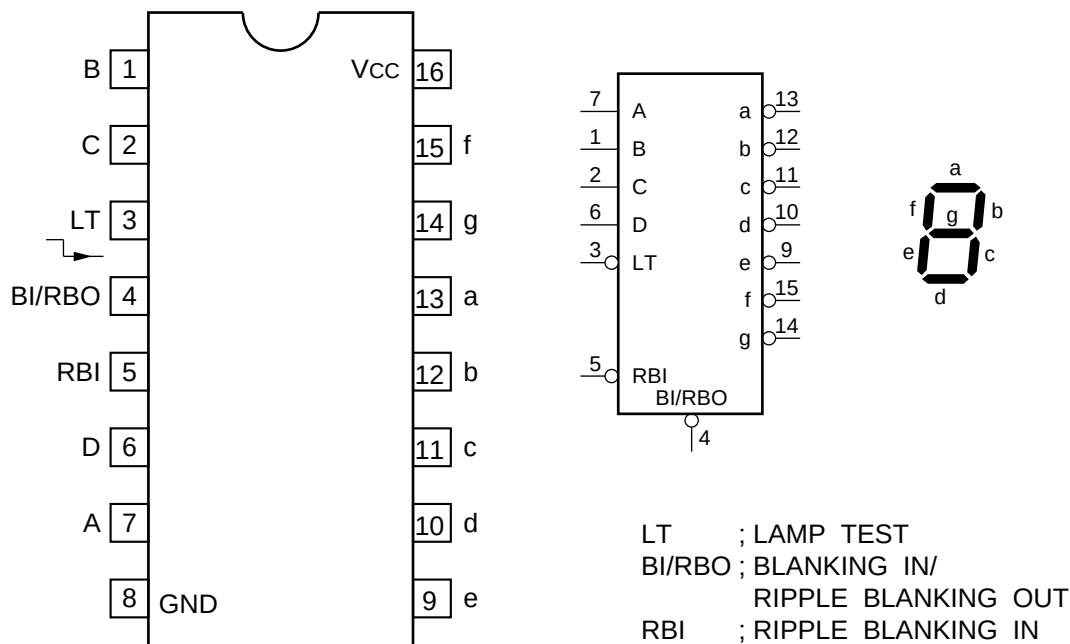

SN74247N

IL00

TTL BCD-TO-SEVEN-SEGMENT DECODER/DRIVER (OPEN COLLECTOR OUTPUT)

—TOP VIEW—



INPUTS						BI/RBO	OUTPUTS							DISPLAY (HEXADECIMAL)	DECIMAL
LT	RBI	D	C	B	A		a	b	c	d	e	f	g		
1	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0
1	X	0	0	0	1	1	1	0	0	1	1	1	1	1	1
1	X	0	0	1	0	1	0	0	1	0	0	1	0	2	2
1	X	0	0	1	1	1	0	0	0	0	1	1	0	3	3
1	X	0	1	0	0	1	1	0	0	1	1	0	0	4	4
1	X	0	1	0	1	1	0	1	0	0	1	0	0	5	5
1	X	0	1	1	0	1	0	1	0	0	0	0	0	6	6
1	X	0	1	1	1	1	0	0	0	1	1	1	1	7	7
1	X	1	0	0	0	1	0	0	0	0	0	0	0	8	8
1	X	1	0	0	1	1	0	0	0	0	1	0	0	9	9
1	X	1	0	1	0	1	1	1	1	0	0	1	0	A	10
1	X	1	0	1	1	1	1	1	0	0	1	1	0	B	11
1	X	1	1	0	0	1	1	0	1	1	1	0	0	C	12
1	X	1	1	0	1	1	0	1	1	0	1	0	0	D	13
1	X	1	1	1	0	1	1	1	1	0	0	0	0	E	14
1	X	1	1	1	1	1	1	1	1	1	1	1	1	BLANK	15
X	X	X	X	X	X	0	1	1	1	1	1	1	1	BLANK	15
1	0	0	0	0	0	0*	1	1	1	1	1	1	1	BLANK	15
0	X	X	X	X	X	1	0	0	0	0	0	0	0	8	8
1	1	0	0	0	0	1	1	1	1	1	1	1	1	BLANK	15

* When RBI and inputs A, B, C and D are at a low "0" level with the LT input high "H", all segment outputs go off ("1") and the RBO goes to a low "0" level (response condition).