DEMOX as decoeler

Jeweler

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J. & Demok to 2:8 do soler.

Ly In DEMUX selection lines decide the OIPS

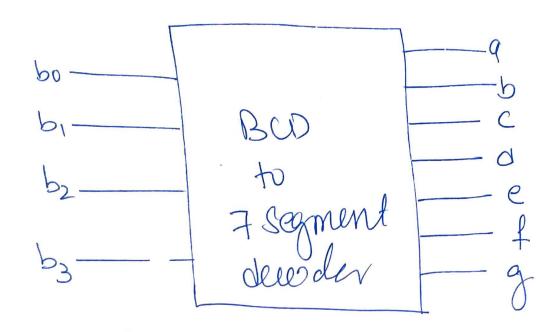
70, 7	0/40	7,	42	Yz	
00		0	0	0	
0 1	0	1	0	0	Devoder
10	0	0	1	0	
1	0	0	O	1	

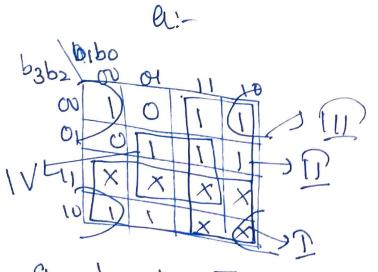
Make 3:8 decoder by 1:8 DEMUX

La According LED glows.

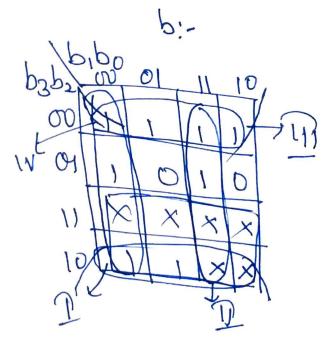
b3 b2 b, b0	abcdefg						
0 0 0 0	111110						
0 0 0 1	0110000						
0 0 1 0	1 0 1 0 1						
0 0 1 1	11100						
0 1 0 0	0 1 1 0 0 1 1						
0 1 0 1	011011						
0 1 1 0	101111						
	1 0 0 0 0						
1 0 0 0							
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	11011						
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T1010:							
dont							
dont care 1111							
we need tow 7 segment display							
14	U						

we need the 19





 $Q = b_3 + b_1 + \overline{b_2 b_0} + b_2 b_0$ = $b_3 + b_1 + b_2 + 0 b_0$



b = b3+b160+83b2 +5, 50

d= b3+b1b0 + b2 b0 +

b2 b1 + b2 b1 b0

 $e = b_1 \overline{b_0} + \overline{b_2} \overline{b_0} + \overline{b_2} \overline{b_0} + \overline{b_1} \overline{b_0}$ $f = b_3 + b_2 \overline{b_1} + b_2 \overline{b_0} + \overline{b_1} \overline{b_0}$ $g = b_3 + b_1 \overline{b_0} + \overline{b_2} \overline{b_1} + \overline{b_2} \overline{b_1}$