711

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Lab assignment #1

to show 9 numbers, 3 bits is enough If we wanted to show 9 numbers we should have used 4 bits.

d2 d1 d0	Decimal	a	Ь	(0	e	89
000	0	1	1	1	1	1	1.0
001	1		1	1	0	0	00
0 10	2	1	1	0	1	1	0 1
0 11	3	1	1	1	1	0	0 1
100	4	0	1	1	0	0	1 1
101	5.	1	0	1	1	0	1 1
.1 10	6	1	0	1	1	1	111
111	7	7	1	1	0	10	00
0= 17 +01 +	10						
						9	
/d2>	9 7 - 4	4-		70	2 9	16	
d1>						lc	
10->	et						(0)
							1
194 means 1	here is e	a li	ne.				
					,	(/	(')

mintems ·a= \$ (0,2,3, 5,6,7) = minton a = dz'd, do' + dz'd, do + dz'd, do + dz d, do + dz d, do' + dz d, do ·b= &(0,1,2,3,4,7) b= d2'd1'd0' + d2'd1'd0 + 12'd1 d0 + d2 da do + d2 dido + drugo · (= \((0, 1,), 4, 5, 6, 7) C= dz.d1 do + dz d1 do + dz d1 do + dz d1 do + dz d1 do to2 da do + deda do 0 = 4 (0,2,3,5,6) 8 = d2 d1'd0' + 02 d1 do + 02 d7 do + 020, 00 + 070,00 l= 2 (0,2,6 e = dz dido + dz d, do 20,4,5,6,7, = didido + didido + didido + 010100

·9= {2,3,4,5,6.}



