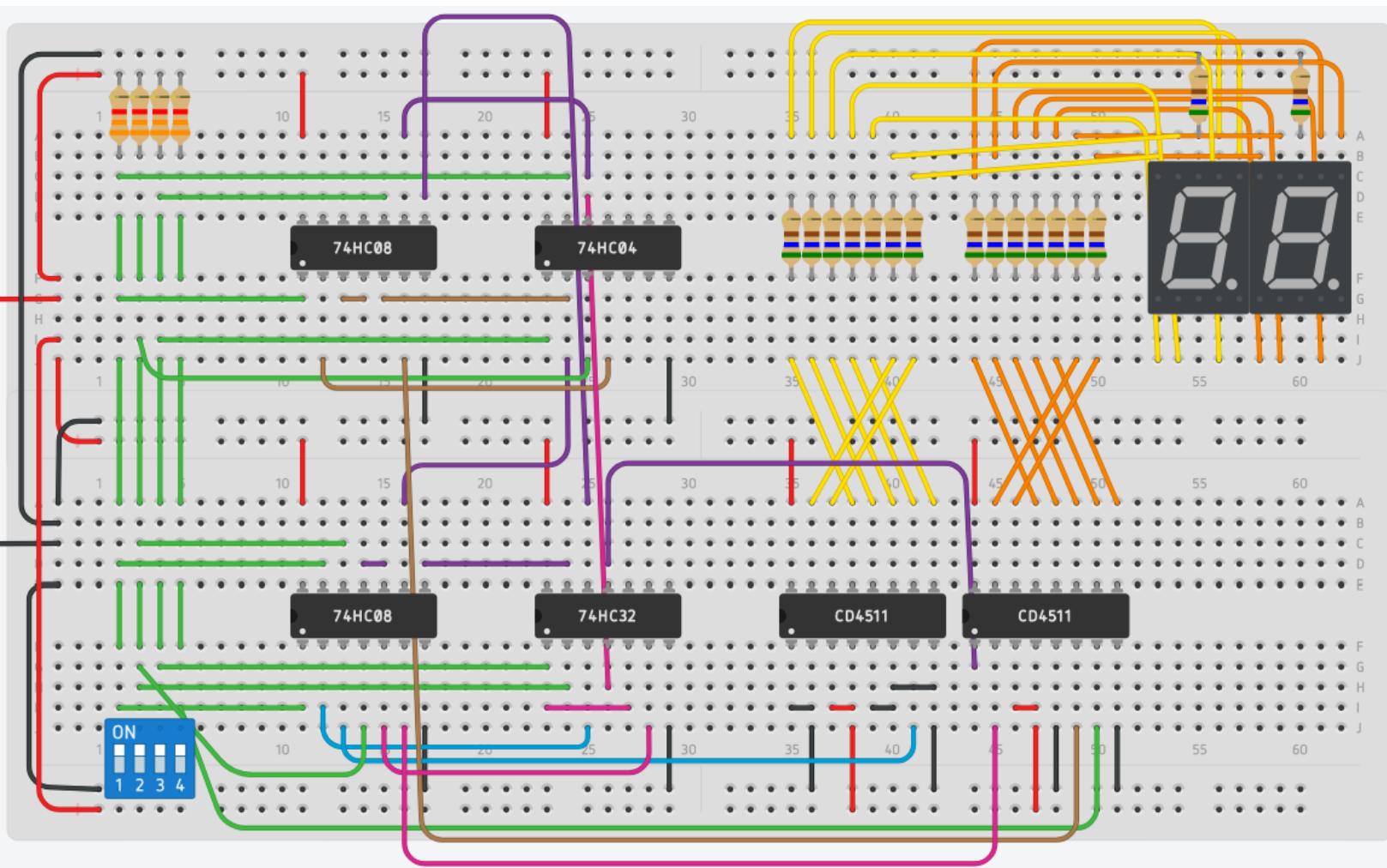


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1)



$$S0 = D$$

$$S1 = (A \cdot B \cdot C') + (A' \cdot C)$$

$$S2 = B \cdot (A' + C)$$

$$S3 = A \cdot B' \cdot C'$$

$$S4 = A \cdot (B + C)$$

$$S7 = S6 = S5 = 0$$

A	B	C	D	S7	S6	S5	S4	S3	S2	S1	S0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0	0	1
0	0	1	0	0	0	0	0	0	0	1	0
0	0	1	1	0	0	0	0	0	0	1	1
0	1	0	0	0	0	0	0	0	1	0	0
0	1	0	1	0	0	0	0	0	1	0	1
0	1	1	0	0	0	0	0	0	1	1	0
0	1	1	1	0	0	0	0	0	1	1	1
1	0	0	0	0	0	0	0	1	0	0	0
1	0	0	1	0	0	0	0	1	0	0	1
1	0	1	0	0	0	0	1	0	0	0	0
1	0	1	1	0	0	0	1	0	0	0	1
1	1	0	0	0	0	0	1	0	0	1	0
1	1	0	1	0	0	0	1	0	0	1	1
1	1	1	0	0	0	0	1	0	1	0	0
1	1	1	1	0	0	0	1	0	1	0	1

Nota: A = A3, B = A2, C = A1 e D = A0.