

DE-20180704

1

	Q2	Q1	Q0	D2	D1	D0	
0	0	0	0	1	1	0	6
1	0	0	1	0	0	0	0
2	0	1	0	0	0	1	1
3	0	1	1	0	1	0	2
4	1	0	0	0	1	1	3
5	1	0	1	1	0	0	4
6	1	1	0	1	0	1	5
7	1	1	1	X	X	X	X

D2

	00	01	11	10
0	1	0	0	0
1	0	1	X	1

$$D2 = \overline{Q2} \cdot \overline{Q1} \cdot \overline{Q0} + Q2 \cdot Q0 + Q2 \cdot Q1$$

D1

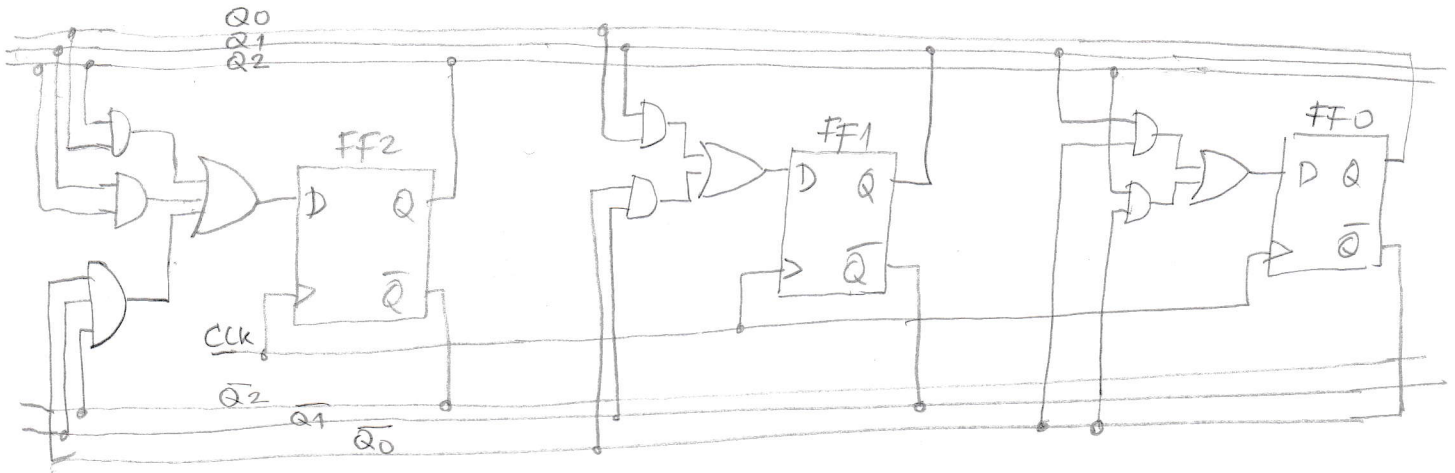
	00	01	11	10
0	1	0	1	0
1	1	0	X	0

$$D1 = \overline{Q1} \cdot \overline{Q0} + Q1 \cdot Q0$$

D0

	00	01	11	10
0	0	0	0	1
1	1	0	X	1

$$D0 = Q1 \cdot \overline{Q0} + Q2 \cdot \overline{Q0}$$



2

