

DE-20200701

1

Q2	Q1	Q0	D2	D1	D0	Y
0	0	0	0	0	1	1
0	0	1	0	1	0	1
0	1	0	0	1	1	0
0	1	1	1	0	0	1
1	0	0	1	0	1	1
1	0	1	1	1	0	1
1	1	0	1	1	1	0
1	1	1	X	X	X	X

Y

Q2	Q1	Q0	Y
0	0	0	1
0	0	1	1
0	1	0	0
0	1	1	1
1	0	0	1
1	0	1	1
1	1	0	0
1	1	1	0

$Y = \bar{Q}1 + Q0$

D2

Q2	Q1	Q0	D2
0	0	0	0
0	0	1	0
0	1	0	0
0	1	1	1
1	0	0	1
1	0	1	1
1	1	0	1
1	1	1	1

$D2 = Q2 + Q1Q0$

D1

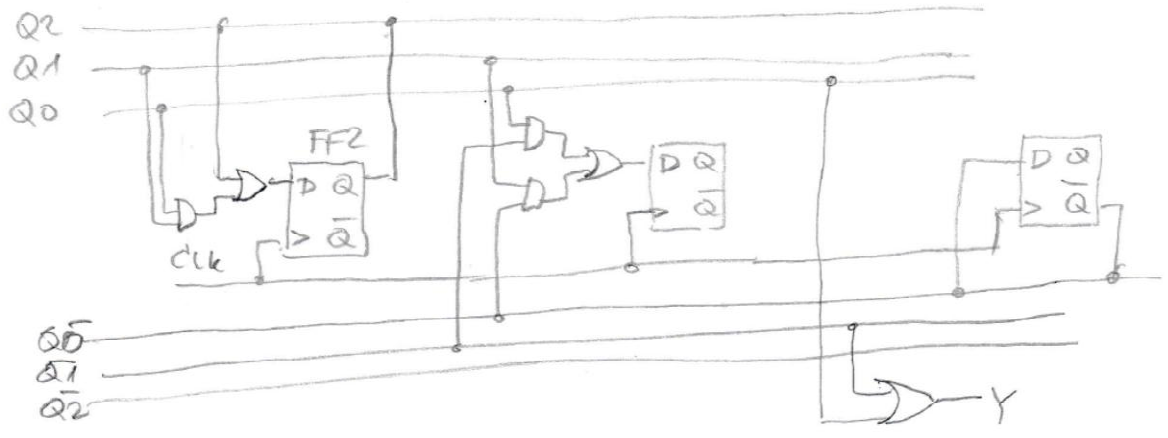
Q2	Q1	Q0	D1
0	0	0	0
0	0	1	0
0	1	0	0
0	1	1	0
1	0	0	1
1	0	1	1
1	1	0	1
1	1	1	1

$D1 = \bar{Q}1Q0 + Q1\bar{Q}0$

D0

Q2	Q1	Q0	D0
0	0	0	1
0	0	1	0
0	1	0	0
0	1	1	0
1	0	0	1
1	0	1	1
1	1	0	1
1	1	1	1

$D0 = \bar{Q}0$



2.

