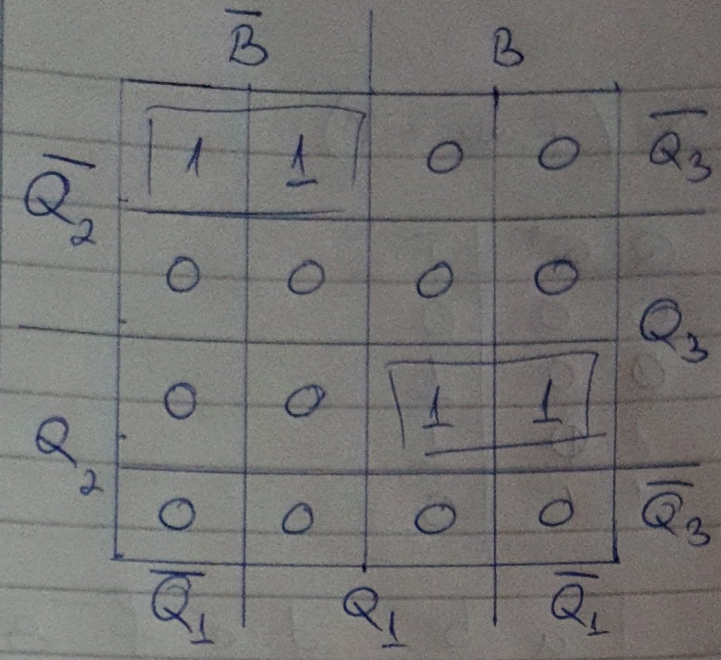
Proiect ED (F_{min} - T)

T	Q^+
0	Q
1	$\bar{Q}$

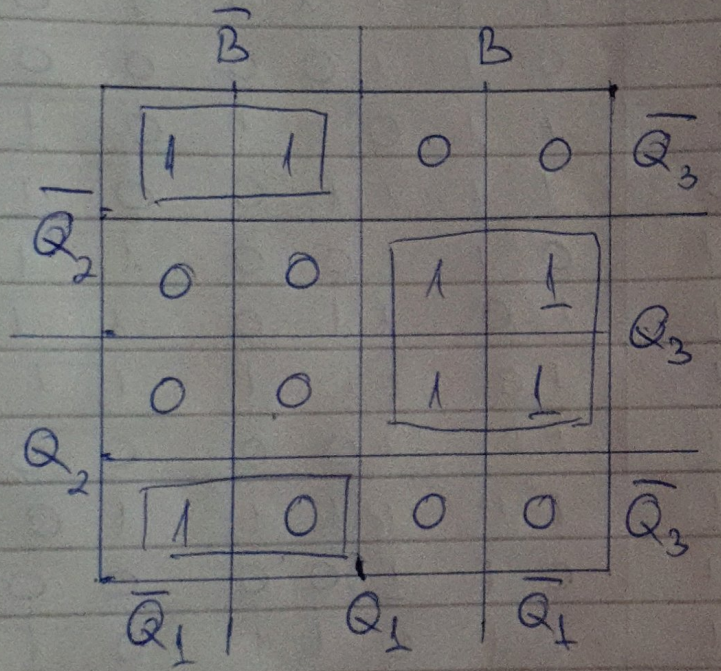
$\Rightarrow$

Q	Q^+	T
0	0	0
0	1	1
1	0	1
1	1	0

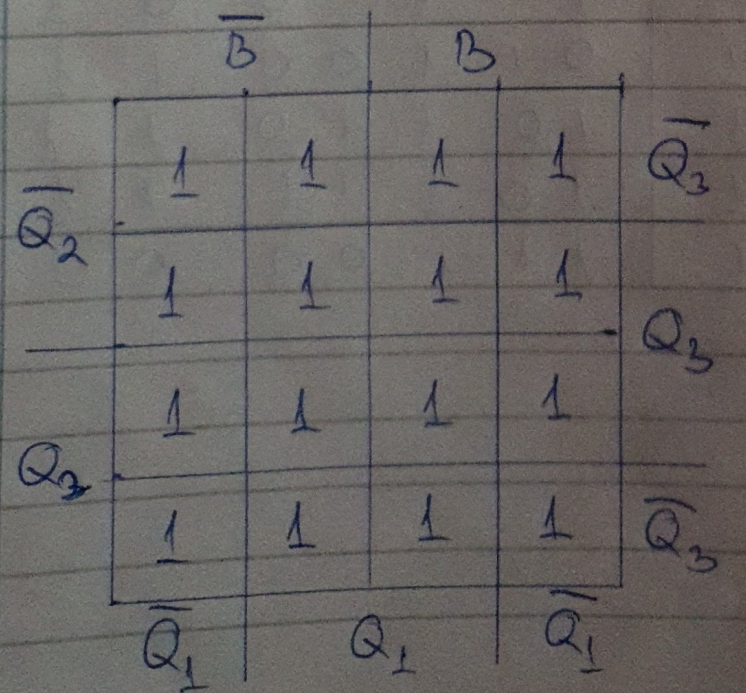
B	Q_1	Q_2	Q_3	T_1	T_2	T_3	a	b	c	d	e	f	g
0	0	0	0	1	1	1	1	1	1	1	1	1	0
0	0	0	1	0	0	0	0	1	1	0	0	0	0
0	0	1	0	0	0	1	1	1	0	1	1	0	1
0	0	1	1	0	1	0	1	1	1	1	0	0	1
0	1	0	0	1	1	1	0	1	1	0	0	1	1
0	1	0	1	0	0	1	1	0	1	1	0	1	1
0	1	1	0	0	1	1	1	0	1	1	1	1	1
0	1	1	1	0	0	1	1	1	0	0	0	0	0
1	0	0	0	0	0	1	1	1	1	1	1	1	0
1	0	0	1	0	1	1	0	1	1	0	0	0	0
1	0	1	0	0	0	1	1	1	0	1	1	0	1
1	0	1	1	1	1	1	1	1	1	1	0	0	1
1	1	0	0	0	0	1	0	1	1	0	0	1	1
1	1	0	1	0	1	1	1	0	1	1	0	1	1
1	1	1	0	0	0	1	1	0	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	0	0	0	0



$$T_1 = \overline{B} \cdot \overline{Q_2} \cdot \overline{Q_3} + B Q_3 \cdot Q_2$$



$$T_2 = B \cdot Q_3 + \overline{B} \cdot \overline{Q_3}$$



$$T_3 = 1$$

a)

Q_1 \ Q_2Q_3	00	01	11	10
0	1	1	1	0
1	0	1	1	1

$a = \bar{Q}_1\bar{Q}_3 + Q_1Q_3 + Q_2$

b)

	1	1	0	1
	1	1	1	0

$b = \bar{Q}_1 + Q_2Q_3 + Q_1\bar{Q}_2\bar{Q}_3$

c)

	1	0	1	1
	1	1	1	1

$c = \bar{Q}_1\bar{Q}_2 + \bar{Q}_1Q_3 + Q_1$

d)

	1	1	1	0
	0	1	0	1

$d = \bar{Q}_1\bar{Q}_3 + \bar{Q}_1Q_2 + Q_2\bar{Q}_3 + Q_1\bar{Q}_2Q_3$

e)

	1	1	1	0
	0	0	0	0

$e = \bar{Q}_1\bar{Q}_3 + Q_2\bar{Q}_3$

f)

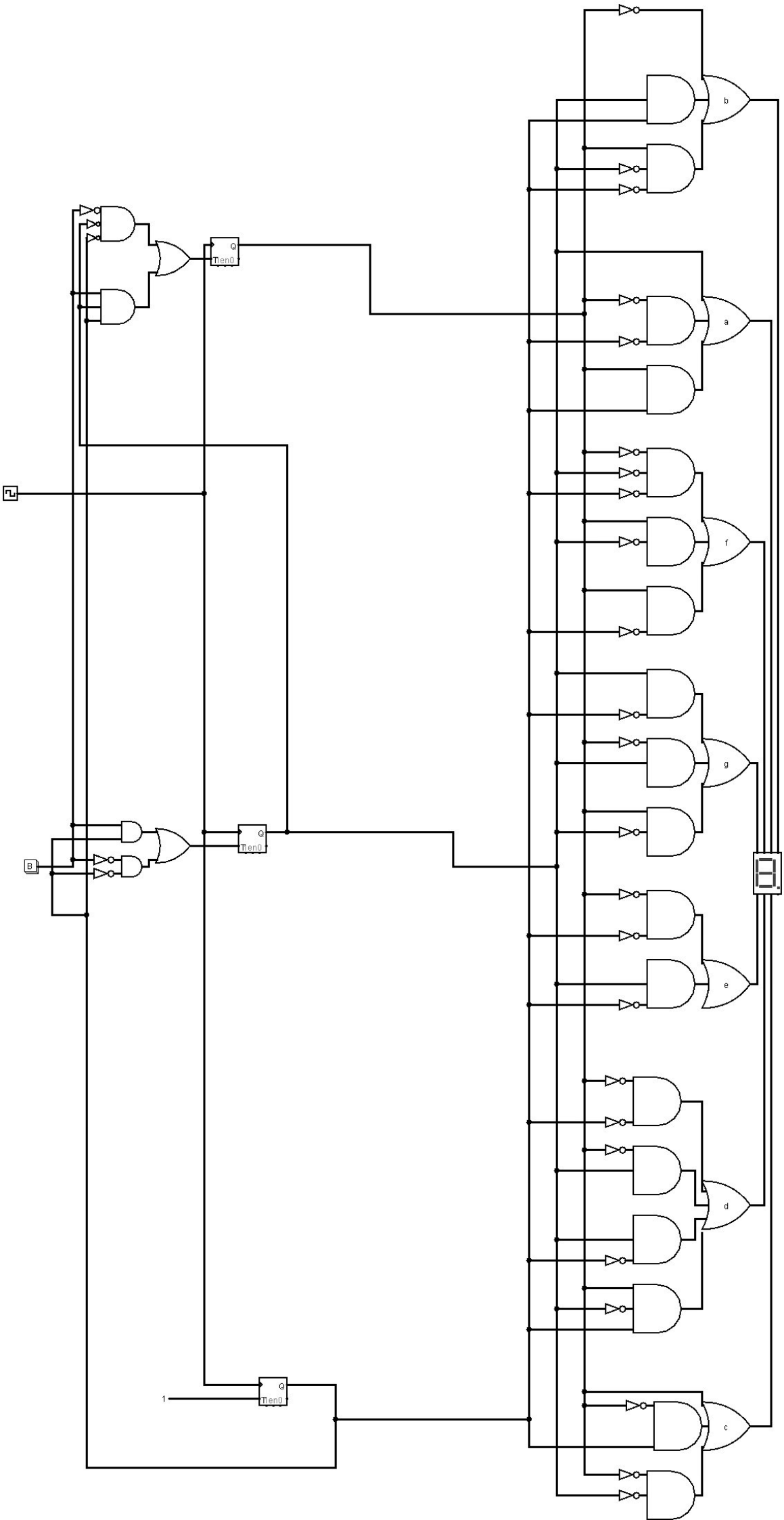
	1	0	1	1
	0	0	0	1

$f = \bar{Q}_1\bar{Q}_2\bar{Q}_3 + Q_1\bar{Q}_3 + Q_1\bar{Q}_2$

g)

	0	1	1	1
	0	1	0	1

$g = \bar{Q}_1Q_2 + Q_1\bar{Q}_3 + Q_1\bar{Q}_2$


Q
Men0
B
1
a
b
c
d
e
f
g