Digit	A	В	С	D	a	b	C,	d	e	f	g
0	0	0	0	0	0	0	0	0	0	0	1
1	0	0	0	1	1	0	0	1	1	1	1
2	0	0	1,	0	0	0	1	0	0	1,	0
3	0	0	1	1	0	0	0	0	1	1	0
4	0	1	0	0	1	0	0	1,	1,	0	0
5	0	1	0	1	0	1	0	0	1	0	0
6	0	1	1,	0	0	1	0	0	0	0	0
7	0	1	1	1	0	0	0	1	1	1	1
8	1,	0	0	0	0	0	0	0	0	0	0
				•							
9	1	0	0	1	0	0	0	0	1	0	0

K-map:

AB/CD	00	01	11	10
00	1	0	1	1.
01	0	1	1	1
11	х	х	х	x
10	1	1	x	x

a=A+C+BD+B'D'

AB/CD х \mathbf{x} \mathbf{x} \mathbf{x} Х X

b=B'+C'D'+CD

AB/CD	00	01	11	10
00	1	1	1	0
01	1	1	1	1
,11	x	x	x	x
10	1	1	х	x

$$c=B+C'+D$$

e=B'D+CD'

AB/CD	00	01	11	10
00	1	0	0	1
01	0	0	0	1,
11	х	х	x	x
10	1	0	х	х

AB/CD	00	01	11	10
00	1	0	1	1,
01	0	1	0	1
11	х	х	x	x
10	1	1	x	х

AB/CD	00	01	11	10
00	1	0	0	,0
01	1	1	0	1
11	x	x	х	x
10	1	1	x	х

f=A+C'D'+BC'+BD'

AB/CD	00	01	11	10
00	0	0	1	1
01	11	1	0	1
11	x	x	x	x
10	11	1	х	х

g=A+BC'+B'C+CD'