

6)

A	B	C	F
0	0	0	0
0	0	1	1
0	1	0	1
0	1	1	0
1	0	0	0
1	0	1	1
1	1	0	0
1	1	1	0

← $\overline{A}.\overline{B}.\overline{C}$
 ← $\overline{A}.B.\overline{C}$
 ← $A.\overline{B}.C$

$$F = \overline{A}.\overline{B}.\overline{C} + \overline{A}.B.\overline{C} + A.\overline{B}.C = \overline{A}.B.\overline{C} + \overline{B}.C(\overline{A} + A)$$

↓
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$$F = \overline{A}.B.\overline{C} + \overline{B}.C$$

7) Segmento f

A	B	C	D	Decimal	f
0	0	0	0	0	1
0	0	0	1	1	0
0	0	1	0	2	0
0	0	1	1	3	0
0	1	0	0	4	1
0	1	0	1	5	1
0	1	1	0	6	1
0	1	1	1	7	0
1	0	0	0	8	1
1	0	0	1	9	1
1	0	1	0	-	0
1	0	1	1	-	0
1	1	0	0	-	0
1	1	0	1	-	0
1	1	1	0	-	0
1	1	1	1	-	0

← $\overline{A}.\overline{B}.\overline{C}.\overline{D}$
 ← $\overline{A}.B.\overline{C}.\overline{D}$
 ← $\overline{A}.B.\overline{C}.D$
 ← $\overline{A}.B.C.\overline{D}$
 ← $A.\overline{B}.\overline{C}.\overline{D}$
 ← $A.B.\overline{C}.\overline{D}$