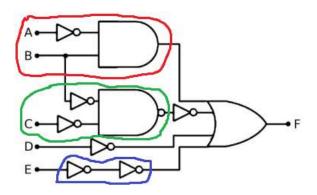
EJERCICIO 17 – Vayamos identificando por partes para no marearnos



$$F_r = \overline{A} * B$$

$$F_r = \overline{A} * B$$
  $F_g = \overline{\overline{B} * \overline{C}} = B + C$   $F_b = \overline{\overline{E}} = E$ 

$$F_h = \overline{\overline{E}} = E$$

$$F = F_r + \overline{F_g} + \overline{D} + F_b = \overline{A} * B + \overline{B} * \overline{C} + \overline{D} + E$$
 Suma de productos

	9							
Α	В		D	Е	Fr	Fg	Fb	
0	0	0	0	0	0	0	0	1
0	0	0	0	1	0	0	1	1
0	0	0	1	0	0	0	0	1
0	0	0	1	1	0	0	1	1
0	0	1	0	0	0	1	0	1
0	0	1	0	1	0	1	1	1
0	0	1	1	0	0	1	0	0
0	0	1	1	1	0	1	1	1
0	1	0	0	0	1	1	0	1
0	1	0	0	1	1	1	1	1
0	1	0	1	0	1	1	0	1
0	1	0	1	1	1	1	1	1
0	1	1	0	0	1	1	0	1
0	1	1	0	1	1	1	1	1
0	1	1	1	0	1	1	0	1
0	1	1	1	1	1	1	1	1
1	0	0	0	0	0	0	0	1
1	0	0	0	1	0	0	1	1
1	0	0	1	0	0	0	0	1
1	0	0	1	1	0	0	1	1
1	0	1	0	0	0	1	0	1
1	0	1	0	1	0	1	1	1
1	0	1	1	0	0	1	0	0
1	0	1	1	1	0	1	1	1
1	1	0	0	0	0	1	0	1
1	1	0	0	1	0	1	1	1
1	1	0	1	0	0	1	0	0
1	1	0	1	1	0	1	1	1
1	1	1	0	0	0	1	0	1
1	1	1	0	1	0	1	1	1
1	1	1	1	0	0	1	0	0
1	1	1	1	1	0	1	1	1

**Verificaciones aleatorias:** 

A=0, B=1, C=1, D=1, E=0

$$F_r = \overline{A}*B \qquad F_g = \overline{\overline{B}*\overline{C}} = B + C \qquad F_b = \overline{\overline{E}} = E$$
 
$$F = F_r + \overline{F_g} + \overline{D} + F_b = \overline{A}*B + \overline{B}*\overline{C} + \overline{D} + E \qquad \text{Suma de productos}$$
 
$$F_{01110} = (1*1) + (0*0) + 0 + 0 = 1$$

A=1, B=1, C=1, D=1, E=0

$$F_{11110} = (0 * 1) + (0 * 0) + 0 + 0 = 0$$

A=1, B=1, C=1, D=1, E=1

$$F_{11111} = (0 * 1) + (0 * 0) + 0 + 1 = 1$$

A=0, B=0, C=1, D=1, E=0

$$F_{00110} = (1 * 0) + (1 * 0) + 0 + 0 = 0$$