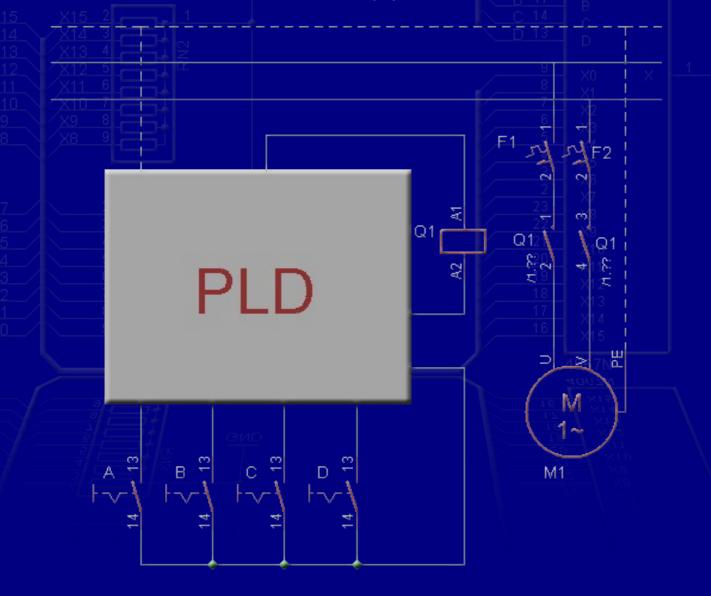
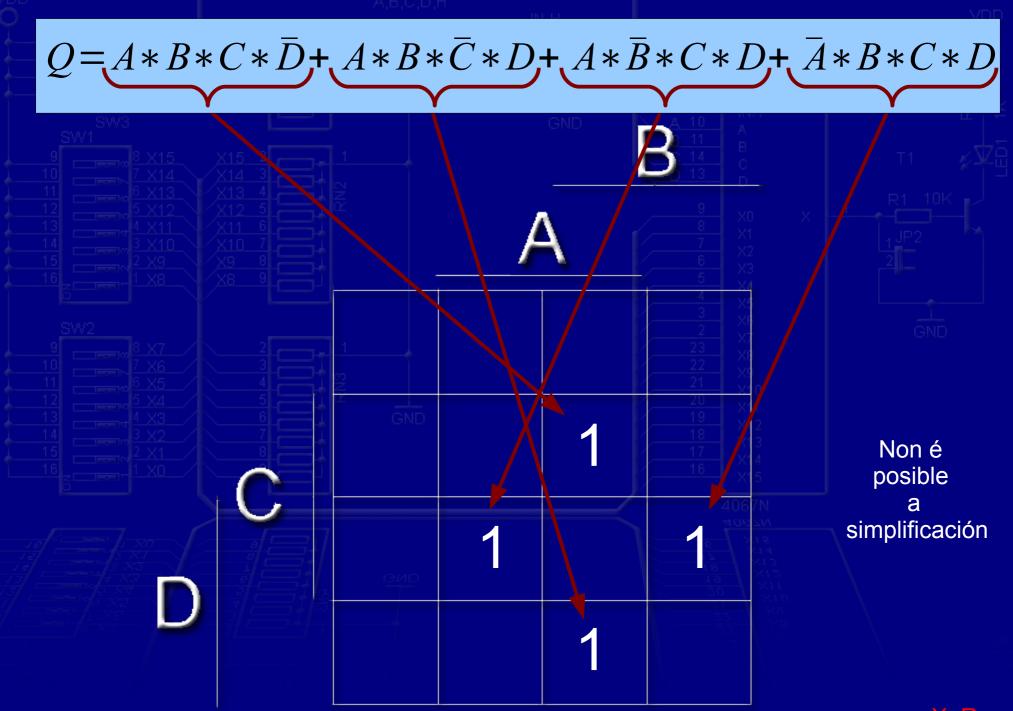


Problema:

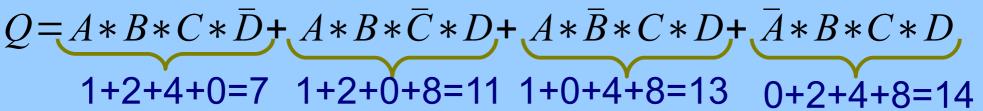
Desexamos controlar un motor dende catro (4) interruptores, de tal forma que entre en funcionamento só si están tres (3) e só tres interruptores pechados.

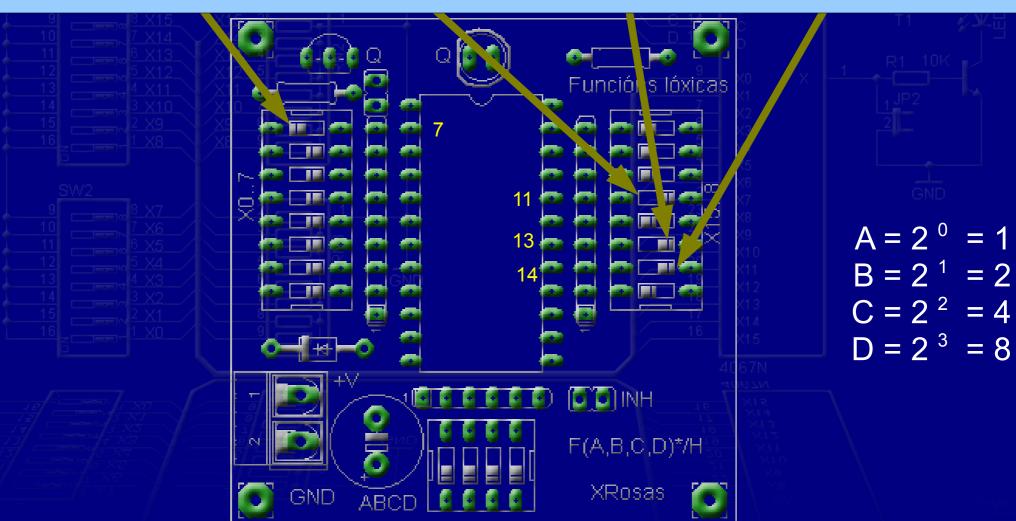


áboa de verdade					Electróni	ca 1
OD	D	С	В	Α	Q	VDI
1 2 7 B	0	0	0	0	0	
4 5 D	0	0	0	1	0	
SW3 SW1	0	0	1	0	0	27
98 X15 107 X14	0	0	1	1	0	T1 ≉
11 6 X13 12 5 X12	0	1	0	0	0	R1 10K
13 4 X11 14 3 X10	0	1	0	1	0	₁ JP2
15 2 X9 16 1 X8	0	1	1	0	0	2
SW2	0	1	1	1	1	GND
9 8 X7 10 7 X6	1	0	0	0	0	GND
11 6 X5 12 5 X4	1	0	0	1	0	
13 4 X3 14 X3 3 X2	1	0	1	0	0	
15 16 2 X1 1 X0	1	0	1	1	1	
5	1	1	0	0	0	
1e/2-1/1 X0	1	1	0	1	1	
	1	1	1	0	1	\
	1	1	1	1	0	
Q = A * B *	$C*\bar{D}+$	A*B*	$\overline{C}*D+\Delta$	$4*\overline{B}*C$	$"*D+ \overline{A}*$	*B*C*D



X. Rosas





Electrónica 1

Comprobación

Competa a seguinte táboa cos resultados obtidos

С	В	А	
		A	Q
0	0	0	
0	0	1	
0	1	0	
0	1	1	
1	0	0	
1	0	1	
1	1	0	
1	1	1	
0	0	0	
0	0	1	
0	1	0	
0	1	1	
1	0	0	
1	0	1	
1	1	0	
1	1	1	
	0 0 0 1 1 1 1 0 0 0 0	0 0 0 1 0 1 1 0 1 1 1 1 1 1 0 0 0 0 0 1 1 0 1 0 1 0 1 0 1 1	0 0 1 0 1 0 0 1 1 1 0 0 1 1 0 1 1 1 0 0 0 0 0 1 0 1 0 0 1 1 1 0 0 1 0 0 1 0 0 1 0 0 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1