

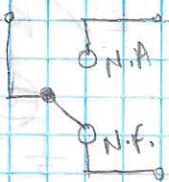
PORTAS LÓGICAS UTILIZANDO RELES

1 REPRESENTAÇÕES:

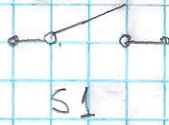


K1.A

RELE



K1.B



S1

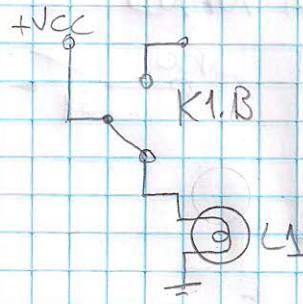
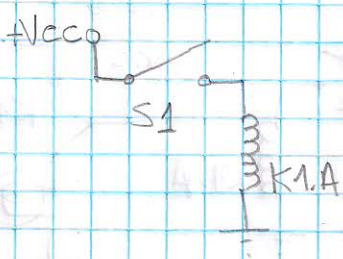
CHAVE EXTERNA
ABERTA

S2

CHAVE EXTERNA
FECHADA

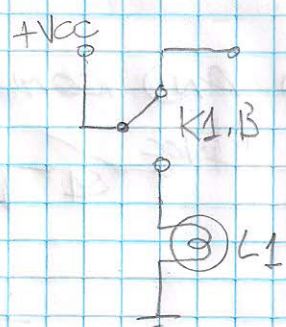
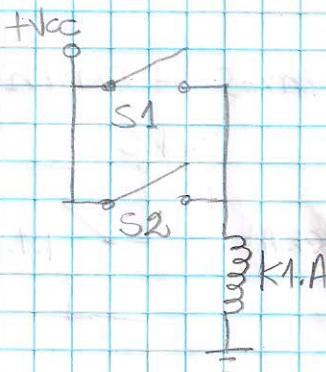
2 PORTA NOT

A	S
0	1



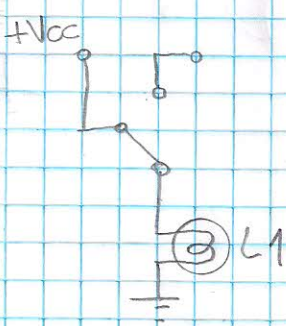
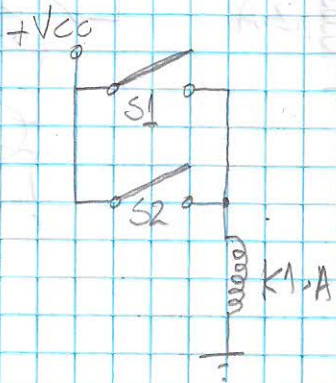
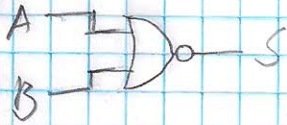
3 PORTA OR

A	B	S
0	0	0
0	1	1
1	0	1
1	1	1



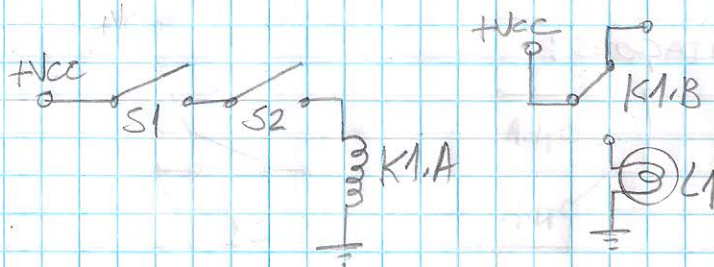
4 PORTA NOR

A	B	S
0	0	1
0	1	0
1	0	0
1	1	0



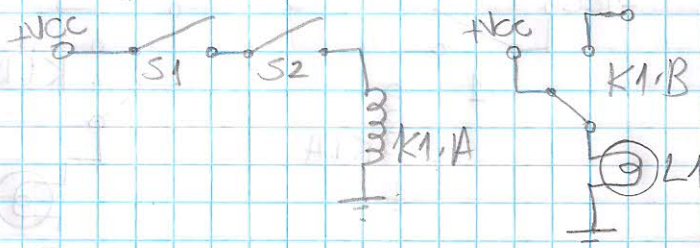
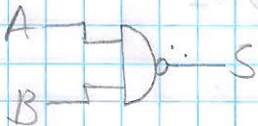
⑤ PORTA AND

A	B	S
0	0	0
0	1	0
1	0	0
1	1	1



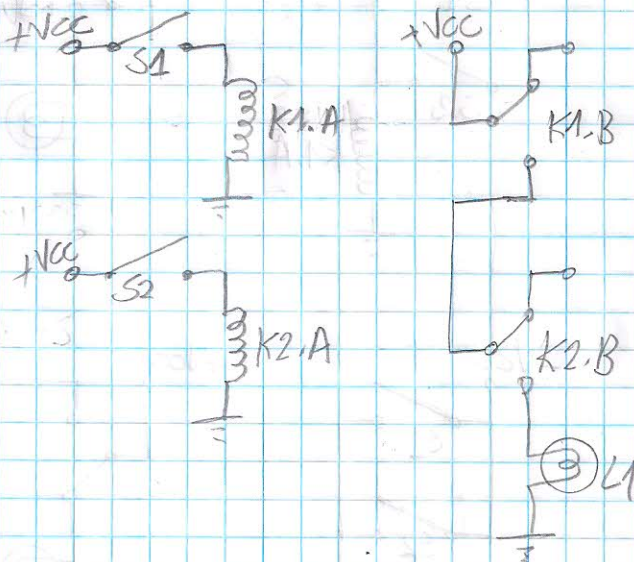
⑥ PORTA NAND

A	B	S
0	0	1
0	1	0
1	0	0
1	1	0



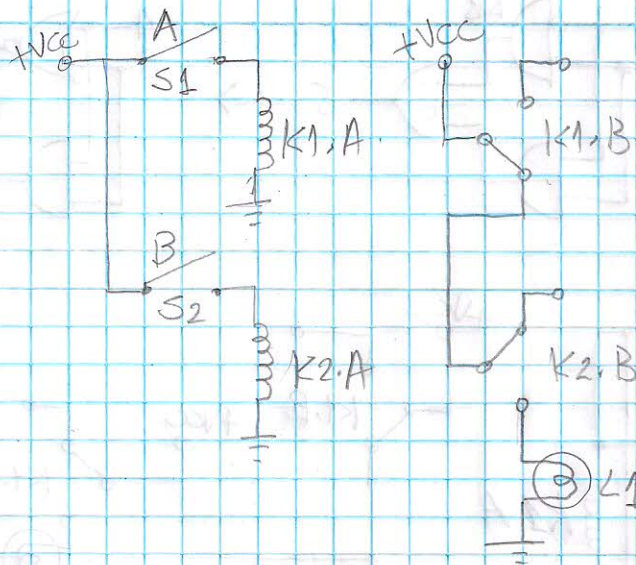
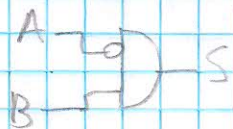
⑦ PORTA AND COM CHAVES DE ENTRADA EM PARALELO

A	B	S
0	0	0
0	1	0
1	0	0
1	1	1



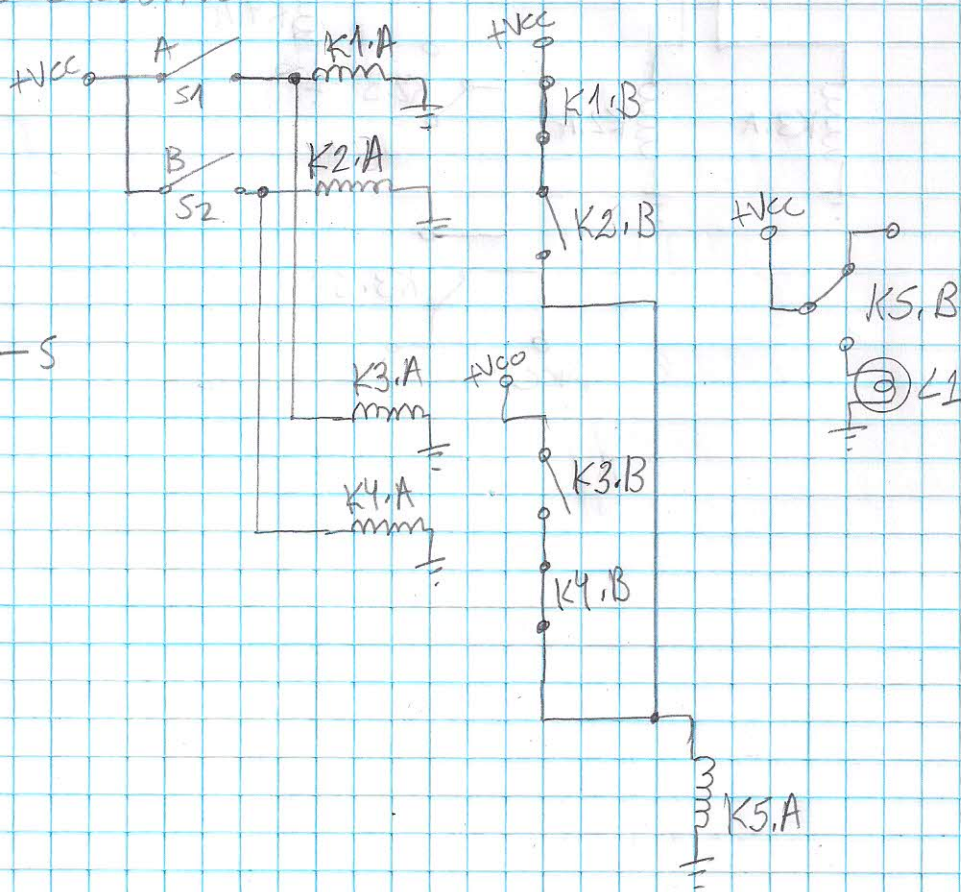
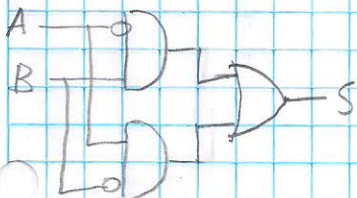
⑧ PORTA AND COM CHAVES DE ENTRADA EM PARALELO E COM UMA ENTRADA INVERTIDA.

A	B	\bar{A}	S = A.B
0	0	1	0
0	1	1	1
1	0	0	0
1	1	0	0



⑨ PORTA OU EXCLUSIVO

A	B	S
0	0	0
0	1	1
1	0	1
1	1	0



10 Porta COINCIDÊNCIA

A	B	S
0	0	1
0	1	0
1	0	0
1	1	1

