

→ Trabalho prático (demonstração)

1)

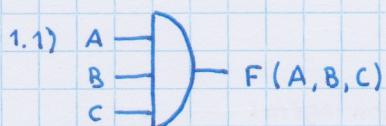
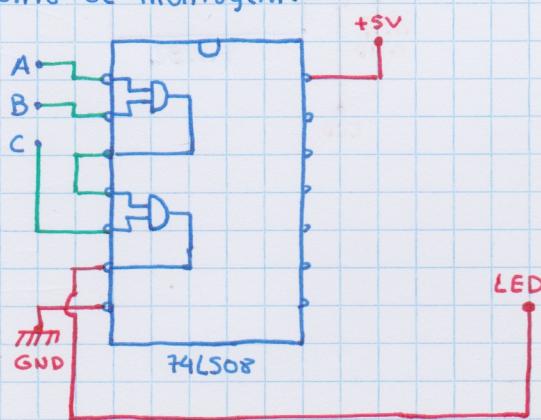


Diagrama lógico:



Planta de montagem:



1.2)

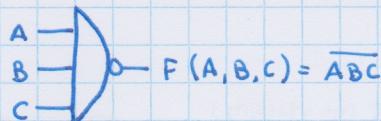


Diagrama lógico:

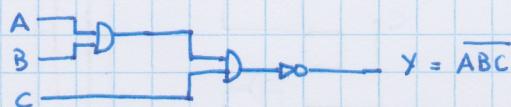


Tabela de verdade:

A	B	C	F	\bar{F}
0	0	0	0	1
0	0	1	0	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	1	0

Planta de montagem:

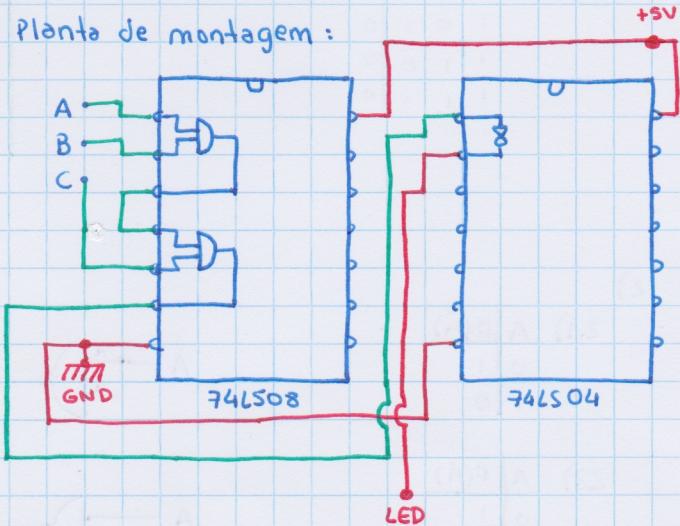




Diagrama lógico:



Tabela de verdade:

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

Planta de montagem:

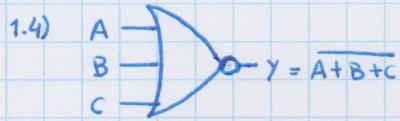
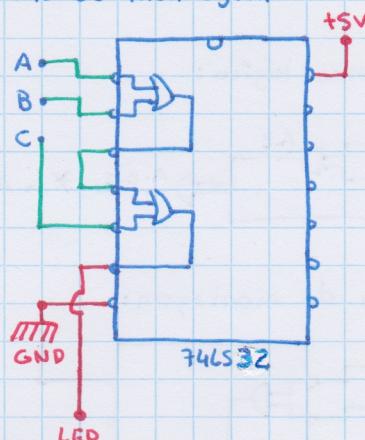


Diagrama lógico:

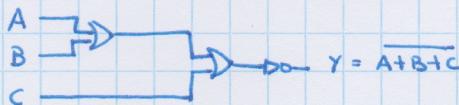
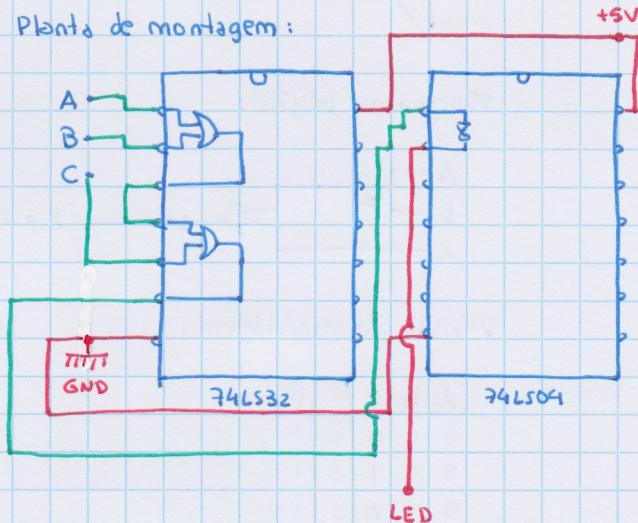


Tabela de verdade:

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

Planta de montagem:



2)

2.1) A | F(\bar{A})

0	1
1	0

A $F(A) = \bar{A} = \overline{A \cdot A} = \bar{A}$ ($= 1$) \rightarrow DO

2.2) A | F(\bar{A})

0	1
1	0

A $F(A) = \bar{A} = \overline{A \cdot \bar{A}} = \bar{A}$ ($= 1$) \rightarrow DO