

UNIVERSIDADE FEDERAL DE RORAIMA

Praticando Circuitos Digitais

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http://www.cburch.com/logisim/

Logisim
a graphical tool for designing
and simulating logic circuits

Download

Documentation

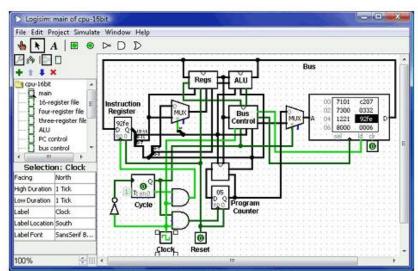
Release History

Q & A

Comments

Links





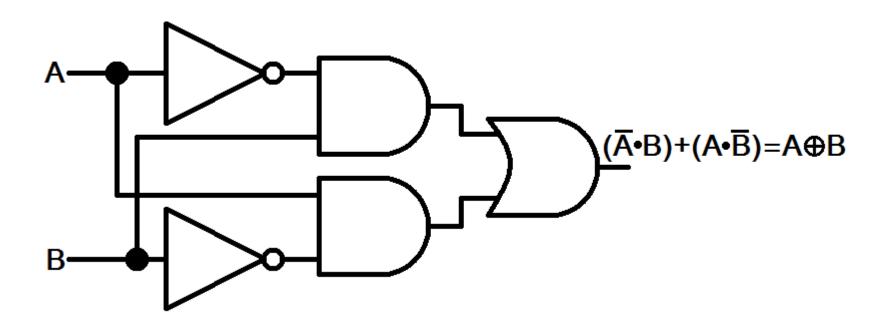
Screen shot of Logisim 2.7.0

Qual o circuito para XOR?

TABELA VERDADE - XOR				
Α	В	A#B		
0	0	0		
0	1	1		
1	0	1		
1	1	0		

Qual o circuito para XOR?

TABELA VERDADE - XOR			
Α	В	A#B	
0	0	0	
0	1	1	
1	0	1	
1	1	0	



Qual o circuito para um registrador - FlipFlop?

D Flip-flop

Symbol

D
Q

Q

Q

Table of truth:

clk	D	Q	Q
0	0	Q	Q
0	1	Q	ā
1	0	0	1
1	1	1	0

Qual o circuito para um registrador - FlipFlop?



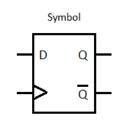
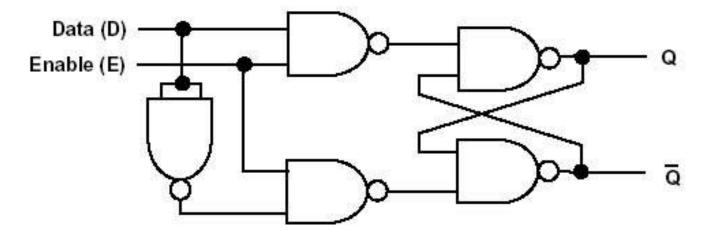
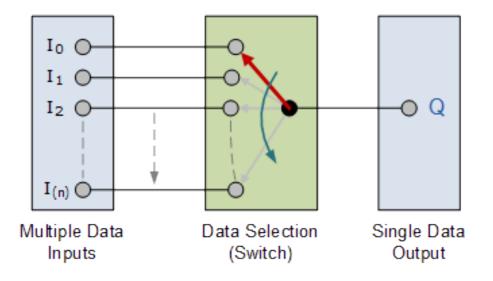


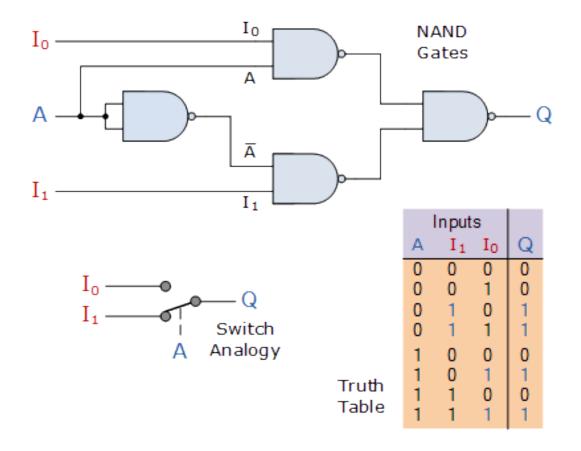
Table of truth:							
clk	D	Q	Ια				
0	0	Q	lα				
0	1	Q	Q				
1	0	0	1				
1	1	1	0				



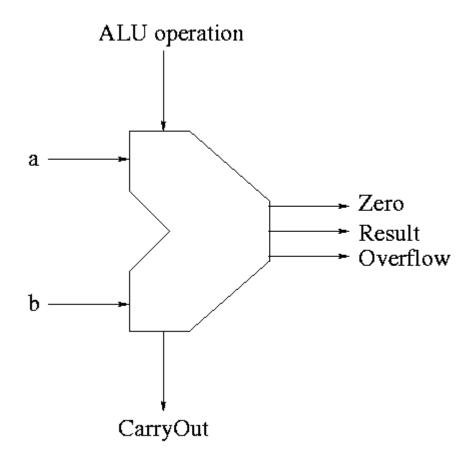
Qual o circuito para um multiplexador de 2 bits?



Qual o circuito para um multiplexador de 2 bits?



Qual o circuito para uma ALU de 3 bits?



Qual o circuito para uma ALU de 3 bits?

