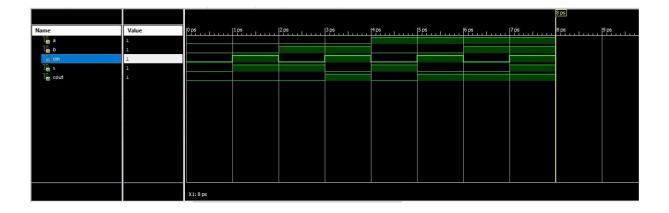
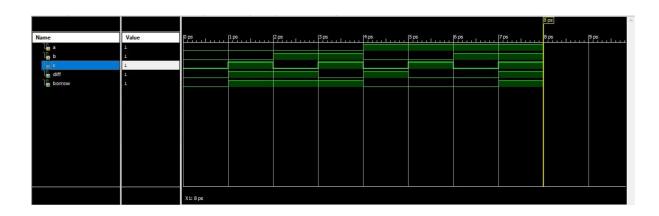
Full Adder



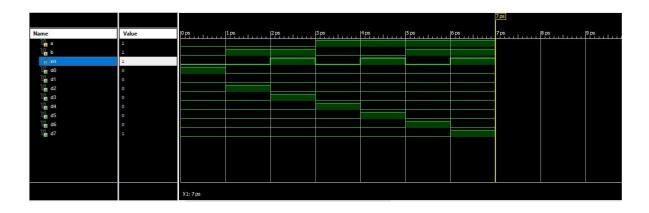
Full Subtractor



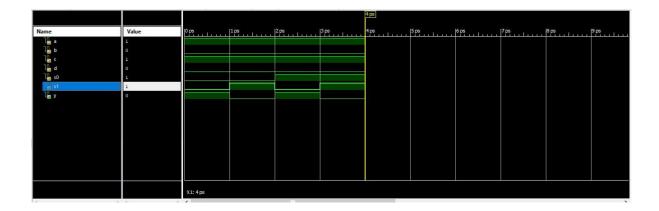
Encoder

										8 ps	
Name	Value	0 ps	1 ps	2 ps	3 ps	4 ps	5 ps	6 ps	7 ps	8 ps	19 ps
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1 d5	0						_				
Ū₁ d4	0										
1 d3	0										
Ū₁ d2	0										
l₁ d1	0		_								
1 d0	0										
l∰ q2	1										
l	1										
l _m qo	1										
		XI: 8 ps									

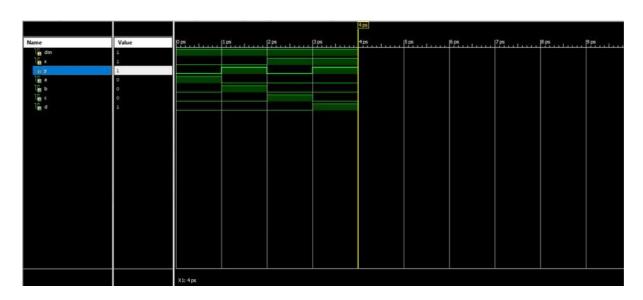
Decoder



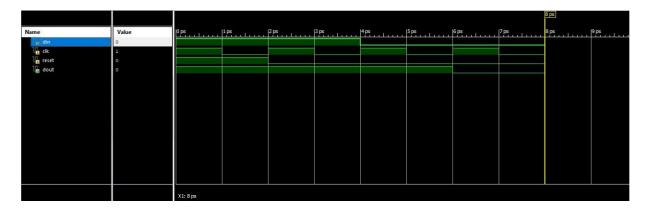
Multiplexer



Demultiplexer



D Flip Flop



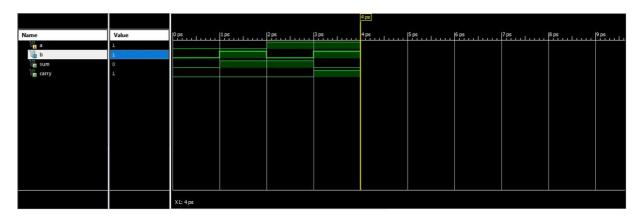
JK Flip Flop



T Flip Flop



Half Adder 727721euec095



Half Subtractor

