

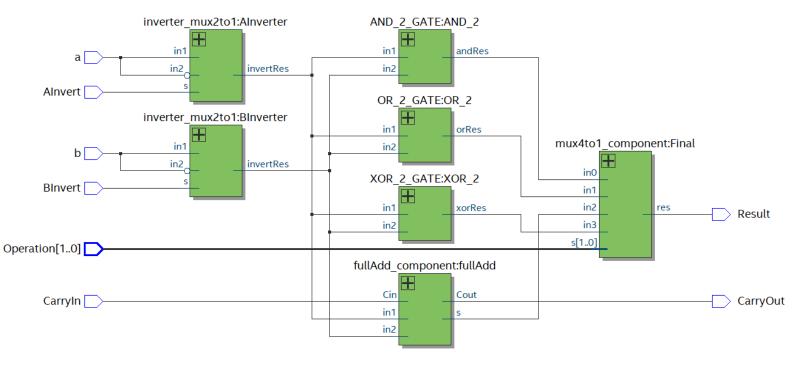
2^η Ομαδική Εργασία Ομάδα DSD009

Ρηγάτος Διονύσιος - 3200262

Παπαπαναγιώτου Αναστάσιος - 3200143

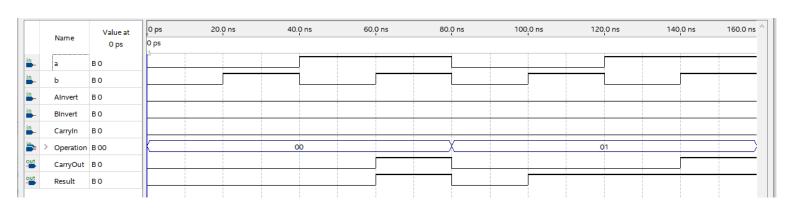
Παπαποστόλου Χριστόφορος - 3150208

Part 1
RTL View

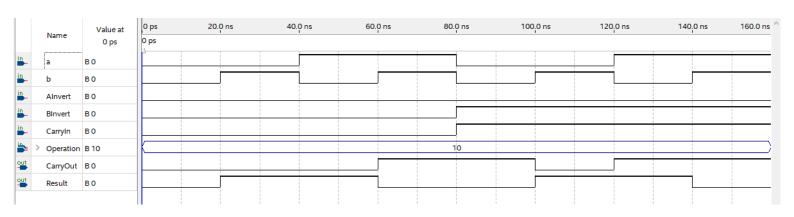


Waveforms

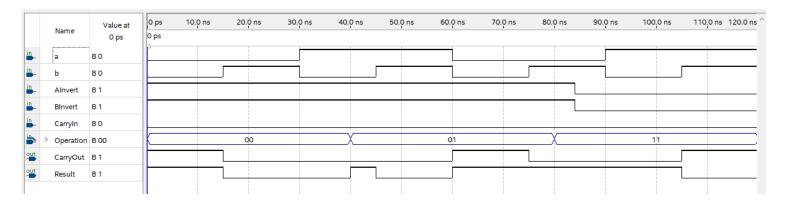
AND/OR Gates

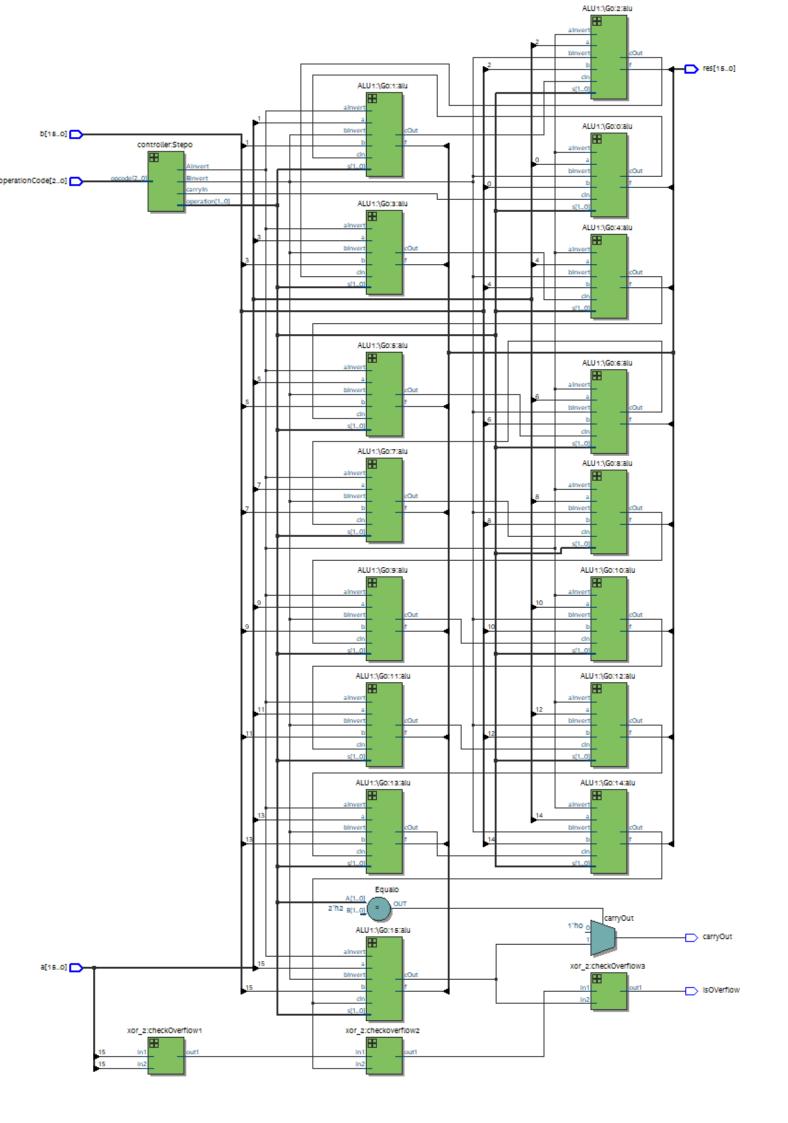


Adder ADD/SUB



XOR Gate





Т			0 ps 10,0 ns				
	Name		0 ps				
>	a	B 01101100	0110110011001101				
>	ь	B 00100111	0010011100011100				
out	carryOut	B 0					
out	isOVerfl	B 1		ļ			
>	operatio	B 010	010			011	
in_	oper	B 0					
in_	oper	B 1					
in_	oper	B 0					
*	res	B 10010011	10010011111101001)		0100010110110001	
	Name	Value at 0 ps 0 ps 10.0 ns					
-	> a B10110011 1011100110011011						
>	> b	B 11110101	11110101010100001				
out	carryOut	t B0					
out	isOVerfl.	. BO					
-		. в 000	000	X	001		
**	> res	B 10110001		11110111101			
			I				
	Name		0 ps			60	
	rearre) ps				
>	a	B 10010011	1001001100001010				
>	b	B 01010101	0101010101010001				
out	carryOut	во					
out	isOVerfl	во					
>	operatio	B 100	100	100 101		110	
* >	res	B 00101000	0010100010100100	111011101111111	1	1100011001011011	