

Time		1 ns	2 ns	3 ns	4 ns	5 ns	6 ns
opcode[3:0]=0000	0000	X0001	X1100	X0010	X0110	X0111	
oper_a[31:0]=255	255						
oper_b[31:0]=65280	65280						
result[31:0]=0	0	X65535	X-65536	X65535	X-65025	X1	
result[31:0]=00000000	00000000	X0000FFFF	XFFFF0000	X0000FFFF	XFFFF01FF	X00000001	
status[3:0]=1	1	X0	XA	X0	X2		
cout=0							
overflow=0							
sign=0							
zero=1							