

## Waveform 1 - SimVision

andy

Cursor = 18,118ns

Baseline = 0

Cursor-Baseline = 18,118ns

TimeA = 18,118ns

18,000ns

18,200ns

18,400ns

18,600ns

 $18,800n$ 

19,000n

19,200n

19,400n

19,600n

19,800n

		◀D_f or _address_out [ 31: 0]	'h0000105C	0000105C	
		ALUB[31:0]	'h00000000	00000000	
		ALUOp[1:0]	'h1	1	
		ALUSrc	0		
		ALU_out[31:0]	'h00000000	00000000	
		ALUcontrol_out[3:0]	'h6	6	
		Branch	1		
		Instruction[31:0]	'h1000FFFF	1000FFFF	
		Jump_and_Zero	1		
		◀X_Wi t eR egi st er_out [ 4: 0]	'hxx	xx	
		MemRead	0		
		MemWrite	0		
		MemtoReg	x		
		Out4[31:0]	'h00000004	00000004	
		PC_add_out[31:0]	'h00001060	00001060	
		PC_in[31:0]	'h0000105C	0000105C	
		PC_out[31:0]	'h0000105C	0000105C	
		ReadData1_out[31:0]	'h00000000	00000000	
		ReadData2_out[31:0]	'h00000000	00000000	
		ReadData_out[31:0]	'hxxxxxxxx	xxxxxxxx	
		RegDst	x		
		RegWrite	0		
		Shift_left_2_32_out[31:0]	'hFFFFFFFC	FFFFFFFC	
		Sign_extended_out[31:0]	'hFFFFFFFF	FFFFFFFF	
		WriteData_in[31:0]	'hxxxxxxxx	xxxxxxxx	
		Zero_out	1		