# Waveform 1 - SimVision

andy

| | | |
|---|---|---|
| Cursor = 20,000ns | | |
| Baseline = 0 | | |
| Cursor-Baseline = 20,000ns | | |

TimeA = 20,000ns

| | | | 18,000ns | 18,200ns | 18,400ns | 18,600ns | 18,800ns | 19,000ns | 19,200ns | 19,400ns | 19,600ns | 19,800ns |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Branch | 0 | | | | | | | | | | | |
| Instruction[31:0] | 'hxxxxxxxx | | xxxxxxxx | | | | | | | | | |
| Jump_and_Zero | 0 | | | | | | | | | | | |
| X_WiteRegister_out[4:0] | 'hxx | | xx | | | | | | | | | |
| MemRead | 0 | | | | | | | | | | | |
| MemWrite | 0 | | | | | | | | | | | |
| MemtoReg | x | | | | | | | | | | | |
| Out4[31:0] | 'h00000004 | | 00000004 | | | | | | | | | |
| PC_add_out[31:0] | 'h00000320 | | 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ | | | | | | | | |
| PC_in[31:0] | 'h00000320 | | 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ | | | | | | | | |
| PC_out[31:0] | 'h0000031C | | 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ 0 0 0 ▶ | | | | | | | | |
| ReadData1_out[31:0] | 'hxxxxxxxx | | xxxxxxxx | | | | | | | | | |
| ReadData2_out[31:0] | 'hxxxxxxxx | | xxxxxxxx | | | | | | | | | |
| ReadData_out[31:0] | 'hxxxxxxxx | | xxxxxxxx | | | | | | | | | |
| RegDst | x | | | | | | | | | | | |
| RegWrite | 0 | | | | | | | | | | | |
| Shift_left_2_32_out[31:0] | 'hxxxxxxxX | | xxxxxxxX | | | | | | | | | |
| Sign_extended_out[31:0] | 'hxxxxxxxx | | xxxxxxxx | | | | | | | | | |