

wb_ctlout[1:0] ~AVI~
branch ~AVI~
memread ~AVI~
memwrite ~AVI~
zero ~AVI~
alu_result[31:0] ~AVI~
rdata2out[31:0] ~AVI~
five_bit_muxout[4:0] ~AVI~
MEM_PCSrc ~AVI~
MEM_WB_regwrite ~AVI~
MEM_WB_mentoreg ~AVI~
read_data[31:0] ~AVI~
mem_alu_result[31:0] ~AVI~
mem_write_reg[4:0] ~AVI~
read_data_in[31:0] ~AVI~

