

- wb_ctl[1:0] ~AVI~
- m_ctl[2:0] ~AVI~
- regdst ~AVI~
- alusrc ~AVI~
- aluop[1:0] ~AVI~
- npcout[31:0] ~AVI~
- rdata1[31:0] ~AVI~
- rdata2[31:0] ~AVI~
- s_extendout[31:0] ~AVI~
- instrout_2016[4:0] ~AVI~
- instrout_1511[4:0] ~AVI~
- wb_ctlout[1:0] ~AVI~
- branch ~AVI~
- memread ~AVI~
- memwrite ~AVI~
- EX_MEM_NPC[31:0] ~AVI~
- zero ~AVI~
- alu_result[31:0] ~AVI~
- rdata2out[31:0] ~AVI~
- five_bit_muxout[4:0] ~AVI~
- adder_out[31:0] ~AVI~
- b[31:0] ~AVI~
- aluout[31:0] ~AVI~
- muxout[4:0] ~AVI~
- control[2:0] ~AVI~
- aluzero ~AVI~

