| [1:0] or_Pc_o | [1:0] | instruction_i [17:0] | Instruction Decoder | constant_kk_o [7:0] constant_aaa_o [11:0] mux_i_o_select_o mux_register_select_o [1:0] sRegister_X_ID_o [3:0] sRegister_Y_ID_o [3:0] sRegister_write_enable_o mux_ALU_select_o [5:0] mux_stack_select_o sStack_enable_o |
|------------------|-------|----------------------|------------------------|---|
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