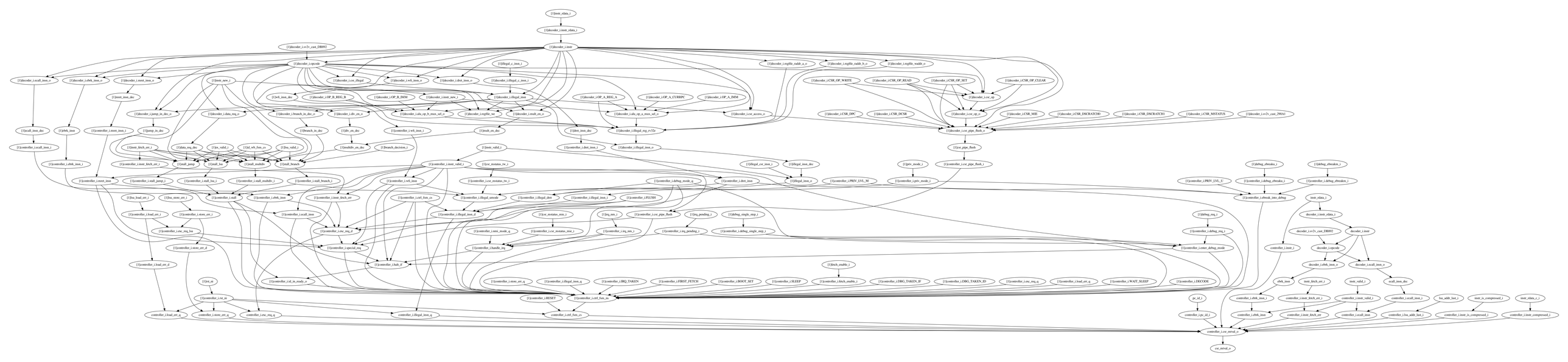
(1)instr_rdata_i
(1)decoder_i.instr_rdata_i
(1)decoder_i.instr
(1)decoder_i.vv2v_cast_DB892
(1)decoder_i.opcode
(1)illegal_c_insn_i
(1)decoder_i.regfile_raddr_a_o
(1)decoder_i.regfile_raddr_b_o
(1)decoder_i.regfile_waddr_o
(1)decoder_i.ecall_insn_o
(1)decoder_i.ebrk_insn_o
(1)decoder_i.mret_insn_o
(1)decoder_i.csr_illegal
(1)decoder_i.wfi_insn_o
(1)decoder_i.dret_insn_o
(1)decoder_i.illegal_c_insn_i
(1)decoder_i.CSR_OP_WRITE
(1)decoder_i.CSR_OP_READ
(1)decoder_i.CSR_OP_SET
(1)decoder_i.CSR_OP_CLEAR
(1)decoder_i.csr_op
(1)instr_new_i
(1)mret_insn_dec
(1)wfi_insn_dec
(1)decoder_i.OP_B_REG_B
(1)decoder_i.OP_B_IMM
(1)decoder_i.instr_new_i
(1)decoder_i.illegal_insn
(1)decoder_i.OP_A_REG_A
(1)decoder_i.OP_A_CURRPC
(1)decoder_i.OP_A_IMM
(1)decoder_i.jump_in_dec_o
(1)decoder_i.data_req_o
(1)decoder_i.branch_in_dec_o
(1)decoder_i.div_en_o
(1)decoder_i.alu_op_b_mux_sel_o
(1)decoder_i.regfile_we
(1)decoder_i.mult_en_o
(1)decoder_i.alu_op_a_mux_sel_o
(1)decoder_i.csr_access_o
(1)decoder_i.CSR_DPC
(1)decoder_i.CSR_DCSR
(1)decoder_i.CSR_MIE
(1)decoder_i.CSR_DSCRATCH0
(1)decoder_i.CSR_DSCRATCH1
(1)decoder_i.CSR_MSTATUS
(1)decoder_i.vv2v_cast_290A1
(1)decoder_i.csr_pipe_flush_o
(1)ecall_insn_dec
(1)ebrk_insn
(1)controller_i.mret_insn_i
(1)jump_in_dec
(1)branch_in_dec
(1)div_en_dec
(1)controller_i.wfi_insn_i
(1)mult_en_dec
(1)illegal_reg_rv32e
(1)dret_insn_dec
(1)controller_i.ecall_insn_i
(1)controller_i.ebrk_insn_i
(1)instr_fetch_err_i
(1)data_req_dec
(1)lsu_valid_i
(1)id_wb_fsm_cs
(1)lsu_valid_i
(1)multdiv_en_dec
(1)branch_decision_i
(1)controller_i.dret_insn_i
(1)controller_i.illegal_insn_o
(1)csr_pipe_flush
(1)controller_i.instr_fetch_err_i
(1)controller_i.instr_valid_i
(1)controller_i.csr_mstatus_tw_i
(1)illegal_csr_insn_i
(1)illegal_insn_dec
(1)priv_mode_i
(1)controller_i.csr_pipe_flush_i
(1)debug_ebreakm_i
(1)debug_ebreaku_i
(1)controller_i.stall_jump
(1)controller_i.stall_lsu
(1)controller_i.stall_multdiv
(1)controller_i.stall_branch
(1)controller_i.instr_valid_i
(1)controller_i.wfi_insn
(1)controller_i.debug_mode_q
(1)controller_i.dret_insn
(1)illegal_insn_o
(1)controller_i.PRIV_LVL_M
(1)controller_i.priv_mode_i
(1)controller_i.PRIV_LVL_U
(1)controller_i.debug_ebreaku_i
(1)controller_i.debug_ebreakm_i
(1)controller_i.mret_insn
(1)controller_i.stall
(1)controller_i.ebrk_insn
(1)controller_i.instr_fetch_err
(1)controller_i.ctrl_fsm_cs
(1)controller_i.illegal_umode
(1)controller_i.illegal_dret
(1)controller_i.illegal_insn_i
(1)controller_i.FLUSH
(1)controller_i.debug_ebreak_into_debug
instr_rdata_i
(1)lsu_load_err_i
(1)lsu_store_err_i
(1)controller_i.ecall_insn
(1)controller_i.illegal_insn_d
(1)csr_mstatus_misc_i
(1)irq_nm_i
(1)controller_i.csr_pipe_flush
(1)irq_pending_i
(1)debug_single_step_i
(1)debug_req_i
decoder_i.instr_rdata_i
(1)controller_i.load_err_i
(1)controller_i.store_err_i
(1)controller_i.exc_req_lsu
(1)controller_i.exc_req_d
(1)controller_i.umi_mode_q
(1)controller_i.csr_mstatus_misc_i
(1)controller_i.irq_nm_i
(1)controller_i.irq_pending_i
(1)controller_i.debug_single_step_i
(1)controller_i.debug_req_i
(1)controller_i.enter_debug_mode
decoder_i.vv2v_cast_DB892
decoder_i.instr
controller_i.instr_i
decoder_i.opcode
(1)controller_i.store_err_d
(1)controller_i.special_req
(1)controller_i.handle_irq
(1)controller_i.load_err_d
(1)controller_i.halt_if
(1)fetch_enable_i
decoder_i.ebrk_insn_o
decoder_i.ecall_insn_o
(1)controller_i.id_in_ready_o
(1)controller_i.store_err_q
(1)controller_i.illegal_insn_q
(1)controller_i.HIQ_TAKEN
(1)controller_i.FIRST_FETCH
(1)controller_i.BOOT_SET
(1)controller_i.SLEEP
(1)controller_i.fetch_enable_i
(1)controller_i.DBG_TAKEN_IF
(1)controller_i.DBG_TAKEN_ID
(1)controller_i.exc_req_q
(1)controller_i.load_err_q
(1)controller_i.WAIT_SLEEP
(1)controller_i.DBGDECODE
ebrk_insn
instr_fetch_err_i
instr_valid_i
ecall_insn_dec
(1)rst_ni
(1)controller_i.rst_ni
(1)controller_i.RESET
(1)controller_i.ctrl_fsm_ns
controller_i.ebrk_insn_i
controller_i.instr_fetch_err_i
controller_i.instr_valid_i
controller_i.ecall_insn_i
pc_id_i
controller_i.pc_id_i
controller_i.load_err_q
controller_i.store_err_q
controller_i.exc_req_q
controller_i.illegal_insn_q
controller_i.ctrl_fsm_cs
controller_i.ebrk_insn
controller_i.instr_fetch_err
controller_i.ecall_insn
controller_i.lsu_addr_last_i
controller_i.lsu_addr_last_q
lsu_addr_last_i
instr_is_compressed_i
instr_rdata_c_i
controller_i.instr_is_compressed_i
controller_i.instr_compressed_i
controller_i.csr_mtval_o
csr_mtval_o