[1]mret_insn_i
[1]mret_insn
[1]dret_insn_i
[1]wfi_insn_i
[1]instr_valid_i
[1]dret_insn
[1]wfi_insn
[1]csr_mstatus_tw_i
[1]debug_mode_q
[1]PRIV_LVL_M
[1]priv_mode_i
[1]debug_ebreaku_i
[1]PRIV_LVL_U
[1]debug_ebreakm_i
[1]ebreak_into_debug
[1]FLUSH
[1]ctrl_fsm_cs
[1]illegal_insn_i
[1]illegal_dret
[1]illegal_umode
[1]instr_fetch_err_i
[1]ecall_insn_i
[1]ebrk_insn_i
[1]illegal_insn_d
[1]instr_fetch_err
[1]ecall_insn
[1]ebrk_insn
[1]irq_nm_i
[1]nmi_mode_q
[1]csr_mstatus_mie_i
[1]irq_pending_i
[1]load_err_i
[1]store_err_i
[1]handle_irq
[1]install_branch_i
[1]stall_lsu_i
[1]install_jump_i
[1]install_multdiv_i
[1]exc_req_lsu
[1]exc_req_d
[1]csr_pipe_flush
[1]exc_req_q
[1]store_err_q
[1]load_err_q
[1]debug_single_step_i
[1]debug_req_i
[1]nmi_mode_d
[1]install
[1]special_req
[1]enter_debug_mode
[1]debug_mode_d
[1]halt_if
[1]WAIT_SLEEP
[1]illegal_insn_q
[1]fetch_enable_i
[1]DBG_TAKEN_IF
[1]BOOT_SET
[1]IRQ_TAKEN
[1]DECODE
[1]DBG_TAKEN_ID
[1]id_in_ready_o
[1]SLEEP
[1]FIRST_FETCH
[1]rst_ni
[1]RESET
csr_mstatus_mie_i
irq_pending_i
irq_nm_i
[1]ctrl_fsm_ns
nmi_mode_q
handle_irq
debug_mode_q
ctrl_fsm_cs
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wfi_insn_i
mret_insn_i
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wfi_insn
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exc_req_d
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load_err_i
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stall_lsu_i
stall_branch_i
stall_jump_i
stall
ebrk_insn_i
instr_valid_i
ebrk_insn
ecall_insn_i
ecall_insn
instr_fetch_err_i
instr_fetch_err
csr_pipe_flush_i
csr_pipe_flush
debug_req_i
debug_single_step_i
enter_debug_mode