[1]mret_insn_i
[1]wfi_insn_i
[1]instr_valid_i
[1]dret_insn_i
[1]PRIV_LVL_U
[1]debug_ebreaku_i
[1]debug_ebreakn_i
[1]PRIV_LVL_M
[1]priv_mode_i
[1]mret_insn
[1]csr_mstatus_tw_i
[1]wfi_insn
[1]debug_mode_q
[1]dret_insn
[1]ebreak_into_debug
[1]illegal_umode
[1]instr_fetch_err_i
[1]ebrk_insn_i
[1]FLUSH
[1]illegal_insn_i
[1]illegal_dret
[1]ctrl_fsm_cs
[1]ecall_insn_i
[1]illegal_insn_d
[1]ecall_insn
[1]csr_pipe_flush_i
[1]instr_fetch_err
[1]ebrk_insn
[1]load_err_i
[1]store_err_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_req_i
[1]debug_single_step_i
[1]irq_nm_i
[1]irq_pending_i
[1]nmi_mode_q
[1]csr_mstatus_mie_i
[1]stall_lsu_i
[1]stall_jump_i
[1]stall_branch_i
[1]stall_multdiv_i
[1]special_req
[1]debug_mode_d
[1]enter_debug_mode
[1]handle_irq
[1]stall
[1]halt_if
[1]ebrk_insn_i
[1]dret_insn_i
[1]mret_insn_i
[1]instr_valid_i
[1]ecall_insn_i
[1]wfi_insn_i
[1]rst_ni
[1]instr_fetch_err_i
[1]csr_pipe_flush_i
[1]SLEEP
[1]FIRST_FETCH
[1]WAIT_SLEEP
[1]illegal_insn_q
[1]fetch_enable_i
[1]BOOT_SET
[1]IRQ_TAKEN
[1]DECODE
[1]DBG_TAKEN_ID
[1]DBG_TAKEN_IF
[1]ld_in_ready_o
[1]ctrl_fsm_ns
ebrk_insn
dret_insn
mret_insn
ecall_insn
debug_mode_q
csr_mstatus_tw_i
PRIV_LVL_M
priv_mode_i
wfi_insn
[1]RESET
instr_fetch_err
csr_pipe_flush
FLUSH
illegal_dret
illegal_umode
ctrl_fsm_cs
illegal_insn_i
illegal_insn_d
store_err_i
load_err_i
exc_req_d
exc_req_lsu
special_req
jump_set_i
branch_set_i
perf_tbranch_o