

 Log Share

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[2025-07-20 09:34:04 UTC] vlib work && vlog '-timescale' '1ns/1ns' design.sv testbench.sv && vsim ▲
VSIMSA: Configuration file changed: `/home/runner/library.cfg'
ALIB: Library "work" attached.
work = /home/runner/work/work.lib
WARNING VCP2947 "Default parameter values used for class monitor specialization." "environment.sv"
MESSAGE "Unit top modules: tb."
SUCCESS "Compile success 0 Errors 1 Warnings Analysis time: 0[s]."
done
# Aldec, Inc. Riviera-PRO version 2023.04.112.8911 built for Linux64 on May 12, 2023.
# HDL, SystemC, and Assertions simulator, debugger, and design environment.
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# ELBREAD: Elaboration process.
# ELBREAD: Elaboration time 0.0 [s].
# KERNEL: Main thread initiated.
# KERNEL: Kernel process initialization phase.
# ELAB2: Elaboration final pass...
# KERNEL: PLI/VHPI kernel's engine initialization done.
# PLI: Loading library '/usr/share/Riviera-PRO/bin/libsysstf.so'
# ELAB2: Create instances ...
# KERNEL: Time resolution set to 1ps.
# ELAB2: Create instances complete.
```

EPWave

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# SLP: Started
# SLP: Elaboration phase ...
# SLP: Elaboration phase ... done : 0.0 [s]
# SLP: Generation phase ...
# SLP: Generation phase ... done : 0.1 [s]
# SLP: Finished : 0.1 [s]
# SLP: 0 primitives and 11 (84.62%) other processes in SLP
# SLP: 22 (5.30%) signals in SLP and 26 (6.27%) interface signals
# ELAB2: Elaboration final pass complete - time: 0.2 [s].
# KERNEL: SLP loading done - time: 0.0 [s].
# KERNEL: Warning: You are using the Riviera-PRO EDU Edition. The performance of simulation is reduced.
# KERNEL: Warning: Contact Aldec for available upgrade options - sales@aldec.com.
# KERNEL: SLP simulation initialization done - time: 0.0 [s].
# KERNEL: Kernel process initialization done.
# Allocation: simulator allocated 5645 kB (elbread=459 elab2=5015 kernel=171 sdf=0)
# KERNEL: ASDB file was created in location /home/runner/dataset.asdb
# KERNEL: [TEST] Starting Test...
# KERNEL: [DRV] Applying Reset at 0
# KERNEL: [DRV] Deasserted Reset at 9000
# KERNEL: [GEN] Running in RANDOM mode
# KERNEL: [GEN] TX: wr_en=1, rd_en=0, data=0x97
# KERNEL: [GEN] TX: wr_en=1, rd_en=1, data=0x5d
# KERNEL: [DRV] Write : data = 151 @ 20000
# KERNEL: [MON] Captured WRITE : data = 0x97 @ 20000
# KERNEL: [SCB] Stored WRITE data = 0x97
# KERNEL: [GEN] TX: wr_en=1, rd_en=0, data=0x3d
# KERNEL: [DRV] Write : data = 93 @ 36000
# KERNEL: [MON] Captured WRITE : data = 0x5d @ 36000
# KERNEL: [SCB] Stored WRITE data = 0x5d
# KERNEL: [GEN] TX: wr_en=1, rd_en=0, data=0xda
# KERNEL: [GEN] TX: wr_en=1, rd_en=1, data=0x44
# KERNEL: [DRV] Read triggered @ 57000
# KERNEL: [GEN] TX: wr_en=1, rd_en=0, data=0x50
# KERNEL: [MON] Captured READ : data = 0x97 @ 63000
# KERNEL: [SCB] READ PASS: data = 0x97
# KERNEL: [MON] Captured WRITE : data = 0x3d @ 68000
# KERNEL: [DRV] Write : data = 61 @ 68000
# KERNEL: [SCB] Stored WRITE data = 0x3d
# KERNEL: [GEN] TX: wr_en=1, rd_en=1, data=0xb6
# KERNEL: [GEN] TX: wr_en=1, rd_en=0, data=0xe6
# KERNEL: [MON] Captured WRITE : data = 0xda @ 84000
# KERNEL: [DRV] Write : data = 218 @ 84000
# KERNEL: [SCB] Stored WRITE data = 0xda
# KERNEL: [GEN] TX: wr_en=1, rd_en=0, data=0xf
# KERNEL: [GEN] TX: wr_en=1, rd_en=0, data=0xcb
# KERNEL: [MON] Captured WRITE : data = 0x44 @ 100000
# KERNEL: [DRV] Write : data = 68 @ 100000
# KERNEL: [SCB] Stored WRITE data = 0x44
# KERNEL: [GEN] TX: wr_en=1, rd_en=1, data=0x88
# KERNEL: [GEN] TX: wr_en=1, rd_en=1, data=0x37
# KERNEL: [DRV] Read triggered @ 123000
# KERNEL: [GEN] TX: wr_en=1, rd_en=1, data=0xce
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# KERNEL: [MON] Captured READ : data = 0x5d @ 129000
# KERNEL: [SCB] READ PASS: data = 0x5d
# KERNEL: [MON] Captured WRITE : data = 0x50 @ 132000
# KERNEL: [DRV] Write : data = 80 @ 132000
# KERNEL: [SCB] Stored WRITE data = 0x50
# KERNEL: [GEN] TX: wr_en=1, rd_en=0, data=0x62
# KERNEL: [MON] Captured WRITE : data = 0xb6 @ 148000
# KERNEL: [DRV] Write : data = 182 @ 148000
# KERNEL: [SCB] Stored WRITE data = 0xb6
# KERNEL: [GEN] TX: wr_en=0, rd_en=1, data=0x6c
# KERNEL: [GEN] TX: wr_en=1, rd_en=0, data=0x27
# KERNEL: [GEN] TX: wr_en=0, rd_en=1, data=0x72
# KERNEL: [DRV] Read triggered @ 171000
# KERNEL: [MON] Captured READ : data = 0x3d @ 177000
# KERNEL: [SCB] READ PASS: data = 0x3d
# KERNEL: [GEN] TX: wr_en=0, rd_en=1, data=0x9f
# KERNEL: [MON] Captured WRITE : data = 0xe6 @ 180000
# KERNEL: [DRV] Write : data = 230 @ 180000
# KERNEL: [SCB] Stored WRITE data = 0xe6
# KERNEL: [GEN] TX: wr_en=1, rd_en=1, data=0x4f
# KERNEL: [MON] Captured WRITE : data = 0xf @ 196000
# KERNEL: [DRV] Write : data = 15 @ 196000
# KERNEL: [SCB] Stored WRITE data = 0xf
# KERNEL: [GEN] TX: wr_en=0, rd_en=1, data=0xc6
# KERNEL: [MON] Captured WRITE : data = 0xcb @ 212000
# KERNEL: [DRV] Write : data = 203 @ 212000
# KERNEL: [SCB] Stored WRITE data = 0xcb
# KERNEL: [MON] Captured WRITE : data = 0x88 @ 228000
# KERNEL: [DRV] Write : data = 136 @ 228000
# KERNEL: [SCB] Stored WRITE data = 0x88
# KERNEL: [DRV] Read triggered @ 249000
# KERNEL: [MON] Captured READ : data = 0xda @ 255000
# KERNEL: [SCB] READ PASS: data = 0xda
# KERNEL: [MON] Captured WRITE : data = 0x37 @ 260000
# KERNEL: [DRV] Write : data = 55 @ 260000
# KERNEL: [SCB] Stored WRITE data = 0x37
# KERNEL: [DRV] Read triggered @ 279000
# KERNEL: [MON] Captured READ : data = 0x44 @ 285000
# KERNEL: [SCB] READ PASS: data = 0x44
# KERNEL: [MON] Captured WRITE : data = 0xce @ 292000
# KERNEL: [DRV] Write : data = 206 @ 292000
# KERNEL: [SCB] Stored WRITE data = 0xce
# KERNEL: [DRV] Read triggered @ 315000
# KERNEL: [MON] Captured READ : data = 0x50 @ 321000
# KERNEL: [SCB] READ PASS: data = 0x50
# KERNEL: [MON] Captured WRITE : data = 0x62 @ 324000
# KERNEL: [DRV] Write : data = 98 @ 324000
# KERNEL: [SCB] Stored WRITE data = 0x62
# KERNEL: [DRV] Read triggered @ 345000
# KERNEL: [MON] Captured READ : data = 0xb6 @ 351000
# KERNEL: [SCB] READ PASS: data = 0xb6
# KERNEL: [MON] Captured WRITE : data = 0x27 @ 356000
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# KERNEL: [DRV] Write : data = 39 @ 356000
# KERNEL: [SCB] Stored WRITE data = 0x27
# KERNEL: [DRV] Read triggered @ 375000
# KERNEL: [MON] Captured READ : data = 0xe6 @ 381000
# KERNEL: [SCB] READ PASS: data = 0xe6
# KERNEL: [DRV] Read triggered @ 399000
# KERNEL: [MON] Captured READ : data = 0xf @ 405000
# KERNEL: [SCB] READ PASS: data = 0xf
# KERNEL: [MON] Captured WRITE : data = 0x4f @ 412000
# KERNEL: [DRV] Write : data = 79 @ 412000
# KERNEL: [SCB] Stored WRITE data = 0x4f
# KERNEL: [DRV] Read triggered @ 435000
# KERNEL: [MON] Captured READ : data = 0xcb @ 441000
# KERNEL: [SCB] READ PASS: data = 0xcb
# KERNEL: [DRV] Read triggered @ 459000
# KERNEL: [MON] Captured READ : data = 0x88 @ 465000
# KERNEL: [SCB] READ PASS: data = 0x88
# KERNEL: [TEST] Test completed.
# RUNTIME: Info: RUNTIME_0068 test.sv (112): $finish called.
# KERNEL: Time: 509 ns, Iteration: 0, Instance: /tb, Process: @INITIAL#42_2@.
# KERNEL: stopped at time: 509 ns
# VSIM: simulation has finished. There are no more test vectors to simulate.
# VSIM: simulation has finished.
Finding VCD file...
./dump.vcd
[2025-07-20 09:34:08 UTC] Opening EPWave...
Done
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