



Log

Share

```
[2025-08-16 06:35:06 UTC] vlib work && vlog '-timescale' '1ns/1ns' +incdir+$RIVIERA_HOME/vlib/uvm-1.2/src -l uvm_1_2 -err VCP2947 w9 -err VCP2974 w9 -err VCP3003 w9 -err VCP5417 w9 -err
VSIMSA: Configuration file changed: `/home/runner/library.cfg'
ALIB: Library "work" attached.
work = /home/runner/work/work.lib
MESSAGE_SP VCP2124 "Package uvm_pkg found in library uvm_1_2."
MESSAGE "Unit top modules: tb."
SUCCESS "Compile success 0 Errors 0 Warnings Analysis time: 7[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.
# (c) 1999-2023 Aldec, Inc. All rights reserved.
vsim +access+r;
# ELBREAD: Elaboration process.
# ELBREAD: Warning: ELBREAD_0049 Package 'uvm_pkg' does not have a `timescale directive, but previous modules do.
# ELBREAD: Elaboration time 0.6 [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: Info: Loading library: /usr/share/Riviera-PRO/bin/uvm_1_2_dpi
# KERNEL: Time resolution set to 1ps.
# ELAB2: Create instances complete.
# 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 4 (22.22%) other processes in SLP
# SLP: 20 (0.06%) signals in SLP and 28 (0.09%) interface signals
# ELAB2: Elaboration final pass complete - time: 3.0 [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 30339 kB (elbread=2122 elab2=23172 kernel=5044 sdf=0)
# KERNEL: UVM_INFO /home/build/vlib1/vlib/uvm-1.2/src/base/uvm_root.svh(392) @ 0: reporter [UVM/RELNOTES]
# KERNEL: -----
# KERNEL: UVM-1.2
# KERNEL: (C) 2007-2014 Mentor Graphics Corporation
# KERNEL: (C) 2007-2014 Cadence Design Systems, Inc.
# KERNEL: (C) 2006-2014 Synopsys, Inc.
# KERNEL: (C) 2011-2013 Cypress Semiconductor Corp.
# KERNEL: (C) 2013-2014 NVIDIA Corporation
# KERNEL: -----
# KERNEL:
# KERNEL: ***** IMPORTANT RELEASE NOTES *****
# KERNEL:
# KERNEL: You are using a version of the UVM library that has been compiled
# KERNEL: with `UVM_NO_DEPRECATED undefined.
# KERNEL: See http://www.eda.org/svdb/view.php?id=3313 for more details.
# KERNEL:
# KERNEL: You are using a version of the UVM library that has been compiled
# KERNEL: with `UVM_OBJECT_DO_NOT_NEED_CONSTRUCTOR undefined.
# KERNEL: See http://www.eda.org/svdb/view.php?id=3770 for more details.
# KERNEL:
# KERNEL: (Specify +UVM_NO_RELNOTES to turn off this notice)
# KERNEL:
# KERNEL: ASDB file was created in location /home/runner/dataset.asdb
run -all;
# KERNEL: UVM_INFO @ 0: reporter [RNTST] Running test test...
# KERNEL: UVM_INFO /home/runner/testbench.sv(479) @ 5000: uvm_test_top.e.a.mon [MON] Reset Detected
# KERNEL: UVM_INFO /home/runner/testbench.sv(543) @ 5000: uvm_test_top.e.sco [SCO] Reset Detected
# KERNEL: UVM_INFO /home/runner/testbench.sv(479) @ 15000: uvm_test_top.e.a.mon [MON] Reset Detected
# KERNEL: UVM_INFO /home/runner/testbench.sv(543) @ 15000: uvm_test_top.e.sco [SCO] Reset Detected
# KERNEL: UVM_INFO /home/runner/testbench.sv(479) @ 25000: uvm_test_top.e.a.mon [MON] Reset Detected
# KERNEL: UVM_INFO /home/runner/testbench.sv(543) @ 25000: uvm_test_top.e.sco [SCO] Reset Detected
# KERNEL: UVM_INFO /home/runner/testbench.sv(479) @ 35000: uvm_test_top.e.a.mon [MON] Reset Detected
# KERNEL: UVM_INFO /home/runner/testbench.sv(543) @ 35000: uvm_test_top.e.sco [SCO] Reset Detected
# KERNEL: UVM_INFO /home/runner/testbench.sv(479) @ 45000: uvm_test_top.e.a.mon [MON] Reset Detected
# KERNEL: UVM_INFO /home/runner/testbench.sv(543) @ 45000: uvm_test_top.e.sco [SCO] Reset Detected
# KERNEL: UVM_INFO /home/runner/testbench.sv(318) @ 45000: uvm_test_top.e.a.driv [DRV] Reset Done: Start of Simulation
# KERNEL: UVM_INFO /home/runner/testbench.sv(75) @ 45000: uvm_test_top.e.a.seqr@@writed [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 75000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 19, wData = 296143522, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 75000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 19, wdata = 296143522
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 85000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 19, wdata = 296143522
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(75) @ 85000: uvm_test_top.e.a.seqr@@writed [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 105000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 8, wData = 245402335, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 105000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 8, wdata = 245402335
```

```
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 115000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 8, wdata = 245402335
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(75) @ 115000: uvm_test_top.e.a.seqr@@writed [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 135000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 17, wData = 143919961, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 135000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 17, wdata = 143919961
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 145000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 17, wdata = 143919961
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(75) @ 145000: uvm_test_top.e.a.seqr@@writed [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 165000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 14, wData = 4286663696, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 165000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 14, wdata = 4286663696
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 175000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 14, wdata = 4286663696
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(75) @ 175000: uvm_test_top.e.a.seqr@@writed [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 195000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 0, wData = 4083698948, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 195000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 0, wdata = 4083698948
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 205000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 0, wdata = 4083698948
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(75) @ 205000: uvm_test_top.e.a.seqr@@writed [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 225000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 7, wData = 3829993013, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 225000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 7, wdata = 3829993013
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 235000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 7, wdata = 3829993013
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(75) @ 235000: uvm_test_top.e.a.seqr@@writed [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 255000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 2, wData = 3525545891, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 255000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 2, wdata = 3525545891
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 265000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 2, wdata = 3525545891
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(75) @ 265000: uvm_test_top.e.a.seqr@@writed [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 285000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 17, wData = 3170357582, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 285000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 17, wdata = 3170357582
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 295000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 17, wdata = 3170357582
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(75) @ 295000: uvm_test_top.e.a.seqr@@writed [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 315000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 21, wData = 2764428086, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 315000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 21, wdata = 2764428086
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 325000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 21, wdata = 2764428086
```

```
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(75) @ 325000: uvm_test_top.e.a.seqr@@writed [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 345000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 14, wData = 2307757403, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 345000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 14, wdata = 2307757403
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 355000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 14, wdata = 2307757403
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(75) @ 355000: uvm_test_top.e.a.seqr@@writed [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 375000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 27, wData = 1800345533, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 375000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 27, wdata = 1800345533
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 385000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 27, wdata = 1800345533
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(75) @ 385000: uvm_test_top.e.a.seqr@@writed [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 405000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 28, wData = 1242192476, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 405000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 28, wdata = 1242192476
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 415000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 28, wdata = 1242192476
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(75) @ 415000: uvm_test_top.e.a.seqr@@writed [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 435000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 18, wData = 633298232, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 435000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 18, wdata = 633298232
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 445000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 18, wdata = 633298232
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(75) @ 445000: uvm_test_top.e.a.seqr@@writed [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 465000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 29, wData = 4268630097, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 465000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 29, wdata = 4268630097
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 475000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 29, wdata = 4268630097
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(75) @ 475000: uvm_test_top.e.a.seqr@@writed [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 495000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 28, wData = 3558253479, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 495000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 28, wdata = 3558253479
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 505000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 28, wdata = 3558253479
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(686) @ 525000: uvm_test_top [TEST] Write Sequence Executed
# KERNEL: //////////////////////////////////////
# KERNEL:
# KERNEL:
# KERNEL:
```

```
# KERNEL: //////////////////////////////////////
# KERNEL: UVM_INFO /home/runner/testbench.sv(136) @ 525000: uvm_test_top.e.a.seqr@readd [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 545000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 26, wData = 3558253479, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 545000: uvm_test_top.e.a.drv [DRV] Data Read applied to the Interface: Addr = 26
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 555000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 26, wdata = 3558253479
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(136) @ 555000: uvm_test_top.e.a.seqr@readd [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 575000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 15, Rdata = 0, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 575000: uvm_test_top.e.a.drv [DRV] Data Read applied to the Interface: Addr = 15
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 585000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 585000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 15, Rdata = 0
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(136) @ 585000: uvm_test_top.e.a.seqr@readd [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 605000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 24, Rdata = 0, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 605000: uvm_test_top.e.a.drv [DRV] Data Read applied to the Interface: Addr = 24
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 615000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 615000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 24, Rdata = 0
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(136) @ 615000: uvm_test_top.e.a.seqr@readd [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 635000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 21, Rdata = 2764428086, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 635000: uvm_test_top.e.a.drv [DRV] Data Read applied to the Interface: Addr = 21
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 645000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 645000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 21, Rdata = 2764428086
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(136) @ 645000: uvm_test_top.e.a.seqr@readd [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 665000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 7, Rdata = 3829993013, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 665000: uvm_test_top.e.a.drv [DRV] Data Read applied to the Interface: Addr = 7
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 675000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 675000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 7, Rdata = 3829993013
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(136) @ 675000: uvm_test_top.e.a.seqr@readd [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 695000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 14, Rdata = 2307757403, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 695000: uvm_test_top.e.a.drv [DRV] Data Read applied to the Interface: Addr = 14
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 705000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 705000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 14, Rdata = 2307757403
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(136) @ 705000: uvm_test_top.e.a.seqr@readd [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 725000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 9, Rdata = 0, Slave Error = 0
```

```
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 725000: uvm_test_top.e.a.drv [DRV] Data Read applied to the Interface: Addr = 9
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 735000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 735000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 9, Rdata = 0
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(136) @ 735000: uvm_test_top.e.a.seqr@readd [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 755000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 24, Rdata = 0, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 755000: uvm_test_top.e.a.drv [DRV] Data Read applied to the Interface: Addr = 24
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 765000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 765000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 24, Rdata = 0
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(136) @ 765000: uvm_test_top.e.a.seqr@readd [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 785000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 28, Rdata = 3558253479, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 785000: uvm_test_top.e.a.drv [DRV] Data Read applied to the Interface: Addr = 28
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 795000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 795000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 28, Rdata = 3558253479
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(136) @ 795000: uvm_test_top.e.a.seqr@readd [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 815000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 21, Rdata = 2764428086, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 815000: uvm_test_top.e.a.drv [DRV] Data Read applied to the Interface: Addr = 21
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 825000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 825000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 21, Rdata = 2764428086
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(136) @ 825000: uvm_test_top.e.a.seqr@readd [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 845000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 2, Rdata = 3525545891, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 845000: uvm_test_top.e.a.drv [DRV] Data Read applied to the Interface: Addr = 2
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 855000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 855000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 2, Rdata = 3525545891
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(136) @ 855000: uvm_test_top.e.a.seqr@readd [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 875000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 3, Rdata = 0, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 875000: uvm_test_top.e.a.drv [DRV] Data Read applied to the Interface: Addr = 3
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 885000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 885000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 3, Rdata = 0
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(136) @ 885000: uvm_test_top.e.a.seqr@readd [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 905000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 25, Rdata = 0, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 905000: uvm_test_top.e.a.drv [DRV] Data Read applied to the Interface: Addr = 25
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 915000: uvm_test_top.e.sco [SCO] Data Received
```

```
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 915000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 25, Rdata = 0
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(136) @ 915000: uvm_test_top.e.a.seqr@readd [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 935000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 4, Rdata = 0, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 935000: uvm_test_top.e.a.driv [DRV] Data Read applied to the Interface: Addr = 4
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 945000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 945000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 4, Rdata = 0
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(136) @ 945000: uvm_test_top.e.a.seqr@readd [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 965000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 3, Rdata = 0, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 965000: uvm_test_top.e.a.driv [DRV] Data Read applied to the Interface: Addr = 3
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 975000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 975000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 3, Rdata = 0
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(696) @ 975000: uvm_test_top [TEST] Read Sequence Executed
# KERNEL: //////////////////////////////////////
# KERNEL:
# KERNEL:
# KERNEL:
# KERNEL: //////////////////////////////////////
# KERNEL: UVM_INFO /home/runner/testbench.sv(198) @ 975000: uvm_test_top.e.a.seqr@rstdut [SEQ] Reset Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(335) @ 975000: uvm_test_top.e.a.driv [DRV] Reset done
# KERNEL: UVM_INFO /home/runner/testbench.sv(479) @ 985000: uvm_test_top.e.a.mon [MON] Reset Detected
# KERNEL: UVM_INFO /home/runner/testbench.sv(543) @ 985000: uvm_test_top.e.sco [SCO] Reset Detected
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(198) @ 985000: uvm_test_top.e.a.seqr@rstdut [SEQ] Reset Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(335) @ 985000: uvm_test_top.e.a.driv [DRV] Reset done
# KERNEL: UVM_INFO /home/runner/testbench.sv(479) @ 995000: uvm_test_top.e.a.mon [MON] Reset Detected
# KERNEL: UVM_INFO /home/runner/testbench.sv(543) @ 995000: uvm_test_top.e.sco [SCO] Reset Detected
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(198) @ 995000: uvm_test_top.e.a.seqr@rstdut [SEQ] Reset Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(335) @ 995000: uvm_test_top.e.a.driv [DRV] Reset done
# KERNEL: UVM_INFO /home/runner/testbench.sv(479) @ 1005000: uvm_test_top.e.a.mon [MON] Reset Detected
# KERNEL: UVM_INFO /home/runner/testbench.sv(543) @ 1005000: uvm_test_top.e.sco [SCO] Reset Detected
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(198) @ 1005000: uvm_test_top.e.a.seqr@rstdut [SEQ] Reset Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(335) @ 1005000: uvm_test_top.e.a.driv [DRV] Reset done
# KERNEL: UVM_INFO /home/runner/testbench.sv(479) @ 1015000: uvm_test_top.e.a.mon [MON] Reset Detected
```



```
# KERNEL: UVM_INFO /home/runner/testbench.sv(543) @ 1015000: uvm_test_top.e.sco [SCO] Reset Detected
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(198) @ 1015000: uvm_test_top.e.a.seqr@rstdut [SEQ] Reset Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(335) @ 1015000: uvm_test_top.e.a.driv [DRV] Reset done
# KERNEL: UVM_INFO /home/runner/testbench.sv(479) @ 1025000: uvm_test_top.e.a.mon [MON] Reset Detected
# KERNEL: UVM_INFO /home/runner/testbench.sv(543) @ 1025000: uvm_test_top.e.sco [SCO] Reset Detected
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(479) @ 1035000: uvm_test_top.e.a.mon [MON] Reset Detected
# KERNEL: UVM_INFO /home/runner/testbench.sv(543) @ 1035000: uvm_test_top.e.sco [SCO] Reset Detected
# KERNEL: UVM_INFO /home/runner/testbench.sv(706) @ 1045000: uvm_test_top [TEST] Reset Sequence Executed
# KERNEL: //////////////////////////////////////
# KERNEL:
# KERNEL:
# KERNEL:
# KERNEL: //////////////////////////////////////
# KERNEL: UVM_INFO /home/runner/testbench.sv(479) @ 1045000: uvm_test_top.e.a.mon [MON] Reset Detected
# KERNEL: UVM_INFO /home/runner/testbench.sv(543) @ 1045000: uvm_test_top.e.sco [SCO] Reset Detected
# KERNEL: UVM_INFO /home/runner/testbench.sv(106) @ 1045000: uvm_test_top.e.a.seqr@writeerr [SEQ] Illegal Address Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 1075000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 567425991, wData = 2157245133, Slave Error = 1
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 1075000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 567425991, wdata = 2157245133
# KERNEL: UVM_INFO /home/runner/testbench.sv(553) @ 1085000: uvm_test_top.e.sco [SCO] Error Successfully Detected
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(106) @ 1085000: uvm_test_top.e.a.seqr@writeerr [SEQ] Illegal Address Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 1105000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 3598671510, wData = 4186228853, Slave Error = 1
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 1105000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 3598671510, wdata = 4186228853
# KERNEL: UVM_INFO /home/runner/testbench.sv(553) @ 1115000: uvm_test_top.e.sco [SCO] Error Successfully Detected
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(106) @ 1115000: uvm_test_top.e.a.seqr@writeerr [SEQ] Illegal Address Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 1135000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 2417154006, wData = 644999864, Slave Error = 1
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 1135000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 2417154006, wdata = 644999864
# KERNEL: UVM_INFO /home/runner/testbench.sv(553) @ 1145000: uvm_test_top.e.sco [SCO] Error Successfully Detected
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(106) @ 1145000: uvm_test_top.e.a.seqr@writeerr [SEQ] Illegal Address Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 1165000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 4280924710, wData = 3427721891, Slave Error = 1
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 1165000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 4280924710, wdata = 3427721891
# KERNEL: UVM_INFO /home/runner/testbench.sv(553) @ 1175000: uvm_test_top.e.sco [SCO] Error Successfully Detected
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(106) @ 1175000: uvm_test_top.e.a.seqr@writeerr [SEQ] Illegal Address Data Write Request Sent:
```

```
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 1195000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 4082420976, wData = 2843050631, Slave Error = 1
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 1195000: uvm_test_top.e.a.drv [DRV] Data Write applied to the Interface: Addr = 4082420976, wdata = 2843050631
# KERNEL: UVM_INFO /home/runner/testbench.sv(553) @ 1205000: uvm_test_top.e.sco [SCO] Error Successfully Detected
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(716) @ 1225000: uvm_test_top [TEST] Write Error Sequence Executed
# KERNEL: //////////////////////////////////////
# KERNEL:
# KERNEL:
# KERNEL:
# KERNEL: //////////////////////////////////////
# KERNEL: UVM_INFO /home/runner/testbench.sv(167) @ 1225000: uvm_test_top.e.a.seqr@readerr [SEQ] Illegal Address Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 1245000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 1314768628, wData = 2843050631, Slave Error = 1
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 1245000: uvm_test_top.e.a.drv [DRV] Data Read applied to the Interface: Addr = 1314768628
# KERNEL: UVM_INFO /home/runner/testbench.sv(553) @ 1255000: uvm_test_top.e.sco [SCO] Error Successfully Detected
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(167) @ 1255000: uvm_test_top.e.a.seqr@readerr [SEQ] Illegal Address Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 1275000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 3144190895, Rdata = x, Slave Error = 1
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 1275000: uvm_test_top.e.a.drv [DRV] Data Read applied to the Interface: Addr = 3144190895
# KERNEL: UVM_INFO /home/runner/testbench.sv(568) @ 1285000: uvm_test_top.e.sco [SCO] Error Successfully Detected
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(167) @ 1285000: uvm_test_top.e.a.seqr@readerr [SEQ] Illegal Address Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 1305000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 2239632676, Rdata = x, Slave Error = 1
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 1305000: uvm_test_top.e.a.drv [DRV] Data Read applied to the Interface: Addr = 2239632676
# KERNEL: UVM_INFO /home/runner/testbench.sv(568) @ 1315000: uvm_test_top.e.sco [SCO] Error Successfully Detected
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(167) @ 1315000: uvm_test_top.e.a.seqr@readerr [SEQ] Illegal Address Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 1335000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 3164496691, Rdata = x, Slave Error = 1
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 1335000: uvm_test_top.e.a.drv [DRV] Data Read applied to the Interface: Addr = 3164496691
# KERNEL: UVM_INFO /home/runner/testbench.sv(568) @ 1345000: uvm_test_top.e.sco [SCO] Error Successfully Detected
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(167) @ 1345000: uvm_test_top.e.a.seqr@readerr [SEQ] Illegal Address Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 1365000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 1637018589, Rdata = x, Slave Error = 1
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 1365000: uvm_test_top.e.a.drv [DRV] Data Read applied to the Interface: Addr = 1637018589
# KERNEL: UVM_INFO /home/runner/testbench.sv(568) @ 1375000: uvm_test_top.e.sco [SCO] Error Successfully Detected
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(725) @ 1375000: uvm_test_top [TEST] Read Error Sequence Executed
# KERNEL: //////////////////////////////////////
# KERNEL:
```

```
# KERNEL:
# KERNEL:
# KERNEL: //////////////////////////////////////
# KERNEL: UVM_INFO /home/runner/testbench.sv(267) @ 1375000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 1395000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 11, wData = 3997910431, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 1395000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 11, wdata = 3997910431
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 1405000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 11, wdata = 3997910431
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(267) @ 1405000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 1425000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 1, wData = 3947169244, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 1425000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 1, wdata = 3947169244
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 1435000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 1, wdata = 3947169244
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(267) @ 1435000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 1455000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 18, wData = 3845686870, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 1455000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 18, wdata = 3845686870
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 1465000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 18, wdata = 3845686870
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(267) @ 1465000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 1485000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 22, wData = 975439588, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 1485000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 22, wdata = 975439588
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 1495000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 22, wdata = 975439588
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(267) @ 1495000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 1515000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 9, wData = 390768328, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 1515000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 9, wdata = 390768328
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 1525000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 9, wdata = 390768328
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(267) @ 1525000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 1545000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 6, wData = 733671077, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 1545000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 6, wdata = 733671077
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 1555000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 6, wdata = 733671077
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(267) @ 1555000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 1575000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 7, wData = 2004147835, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 1575000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 7, wdata = 2004147835
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 1585000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 7, wdata = 2004147835
# KERNEL: -----
```

```
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(267) @ 1585000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 1605000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 31, wData = 4202198602, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 1605000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 31, wdata = 4202198602
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 1615000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 31, wdata = 4202198602
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(267) @ 1615000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 1635000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 2, wData = 3032856082, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 1635000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 2, wdata = 3032856082
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 1645000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 2, wdata = 3032856082
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(267) @ 1645000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 1665000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 26, wData = 1714557016, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 1665000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 26, wdata = 1714557016
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 1675000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 26, wdata = 1714557016
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(267) @ 1675000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 1695000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 12, wData = 1207145146, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 1695000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 12, wdata = 1207145146
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 1705000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 12, wdata = 1207145146
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(267) @ 1705000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 1725000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 0, wData = 795305280, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 1725000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 0, wdata = 795305280
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 1735000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 0, wdata = 795305280
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(267) @ 1735000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 1755000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 21, wData = 3336258796, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 1755000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 21, wdata = 3336258796
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 1765000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 21, wdata = 3336258796
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(267) @ 1765000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 1785000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 27, wData = 2509819025, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 1785000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 27, wdata = 2509819025
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 1795000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 27, wdata = 2509819025
# KERNEL: -----
# KERNEL:
```

```
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(267) @ 1795000: uvm_test_top.e.a.seqr@@wrb_rdb [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 1815000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 14, wData = 2610953263, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 1815000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 14, wdata = 2610953263
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 1825000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 14, wdata = 2610953263
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(267) @ 1825000: uvm_test_top.e.a.seqr@@wrb_rdb [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 1845000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 5, wData = 3639661510, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 1845000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 5, wdata = 3639661510
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 1855000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 5, wdata = 3639661510
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(267) @ 1855000: uvm_test_top.e.a.seqr@@wrb_rdb [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 1875000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 10, wData = 1300976470, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 1875000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 10, wdata = 1300976470
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 1885000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 10, wdata = 1300976470
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(267) @ 1885000: uvm_test_top.e.a.seqr@@wrb_rdb [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 1905000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 30, wData = 529476116, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 1905000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 30, wdata = 529476116
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 1915000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 30, wdata = 529476116
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(267) @ 1915000: uvm_test_top.e.a.seqr@@wrb_rdb [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 1935000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 29, wData = 3701295713, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 1935000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 29, wdata = 3701295713
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 1945000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 29, wdata = 3701295713
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(267) @ 1945000: uvm_test_top.e.a.seqr@@wrb_rdb [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 1965000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 17, wData = 4145332700, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 1965000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 17, wdata = 4145332700
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 1975000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 17, wdata = 4145332700
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(267) @ 1975000: uvm_test_top.e.a.seqr@@wrb_rdb [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 1995000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 25, wData = 1221976400, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 1995000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 25, wdata = 1221976400
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 2005000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 25, wdata = 1221976400
# KERNEL: -----
# KERNEL:
# KERNEL: -----
```

```
# KERNEL: UVM_INFO /home/runner/testbench.sv(267) @ 2005000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 2025000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 19, wData = 3521161405, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 2025000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 19, wdata = 3521161405
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 2035000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 19, wdata = 3521161405
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(267) @ 2035000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 2055000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 28, wData = 2452953123, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 2055000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 28, wdata = 2452953123
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 2065000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 28, wdata = 2452953123
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(267) @ 2065000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 2085000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 20, wData = 2878244707, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 2085000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 20, wdata = 2878244707
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 2095000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 20, wdata = 2878244707
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(267) @ 2095000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 2115000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 23, wData = 3099258586, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 2115000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 23, wdata = 3099258586
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 2125000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 23, wdata = 3099258586
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(267) @ 2125000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 2145000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 4, wData = 391926544, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 2145000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 4, wdata = 391926544
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 2155000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 4, wdata = 391926544
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(267) @ 2155000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 2175000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 13, wData = 3367622978, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 2175000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 13, wdata = 3367622978
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 2185000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 13, wdata = 3367622978
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(267) @ 2185000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 2205000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 15, wData = 1997610929, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 2205000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 15, wdata = 1997610929
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 2215000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 15, wdata = 1997610929
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(267) @ 2215000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Write Request Sent:
```

```
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 2235000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 16, wData = 576857693, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 2235000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 16, wdata = 576857693
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 2245000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 16, wdata = 576857693
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(267) @ 2245000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 2265000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 24, wData = 3400330566, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 2265000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 24, wdata = 3400330566
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 2275000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 24, wdata = 3400330566
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(267) @ 2275000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 2295000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 8, wData = 1878094956, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 2295000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 8, wdata = 1878094956
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 2305000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 8, wdata = 1878094956
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(267) @ 2305000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 2325000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 3, wData = 1518108846, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 2325000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 3, wdata = 1518108846
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 2335000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 3, wdata = 1518108846
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(281) @ 2335000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 2355000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 19, Rdata = 3521161405, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 2355000: uvm_test_top.e.a.driv [DRV] Data Read applied to the Interface: Addr = 19
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 2365000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 2365000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 19, Rdata = 3521161405
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(281) @ 2365000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 2385000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 1, Rdata = 3947169244, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 2385000: uvm_test_top.e.a.driv [DRV] Data Read applied to the Interface: Addr = 1
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 2395000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 2395000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 1, Rdata = 3947169244
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(281) @ 2395000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 2415000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 2, Rdata = 3032856082, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 2415000: uvm_test_top.e.a.driv [DRV] Data Read applied to the Interface: Addr = 2
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 2425000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 2425000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 2, Rdata = 3032856082
# KERNEL: -----
# KERNEL:
```

```
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(281) @ 2425000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 2445000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 9, Rdata = 390768328, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 2445000: uvm_test_top.e.a.driv [DRV] Data Read applied to the Interface: Addr = 9
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 2455000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 2455000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 9, Rdata = 390768328
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(281) @ 2455000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 2475000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 6, Rdata = 733671077, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 2475000: uvm_test_top.e.a.driv [DRV] Data Read applied to the Interface: Addr = 6
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 2485000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 2485000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 6, Rdata = 733671077
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(281) @ 2485000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 2505000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 3, Rdata = 1518108846, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 2505000: uvm_test_top.e.a.driv [DRV] Data Read applied to the Interface: Addr = 3
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 2515000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 2515000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 3, Rdata = 1518108846
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(281) @ 2515000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 2535000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 7, Rdata = 2004147835, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 2535000: uvm_test_top.e.a.driv [DRV] Data Read applied to the Interface: Addr = 7
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 2545000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 2545000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 7, Rdata = 2004147835
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(281) @ 2545000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 2565000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 27, Rdata = 2509819025, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 2565000: uvm_test_top.e.a.driv [DRV] Data Read applied to the Interface: Addr = 27
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 2575000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 2575000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 27, Rdata = 2509819025
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(281) @ 2575000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 2595000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 11, Rdata = 3997910431, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 2595000: uvm_test_top.e.a.driv [DRV] Data Read applied to the Interface: Addr = 11
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 2605000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 2605000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 11, Rdata = 3997910431
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(281) @ 2605000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Read Request Sent:
```



```
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 2625000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 5, Rdata = 3639661510, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 2625000: uvm_test_top.e.a.driv [DRV] Data Read applied to the Interface: Addr = 5
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 2635000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 2635000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 5, Rdata = 3639661510
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(281) @ 2635000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 2655000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 23, Rdata = 3099258586, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 2655000: uvm_test_top.e.a.driv [DRV] Data Read applied to the Interface: Addr = 23
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 2665000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 2665000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 23, Rdata = 3099258586
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(281) @ 2665000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 2685000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 16, Rdata = 576857693, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 2685000: uvm_test_top.e.a.driv [DRV] Data Read applied to the Interface: Addr = 16
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 2695000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 2695000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 16, Rdata = 576857693
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(281) @ 2695000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 2715000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 15, Rdata = 1997610929, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 2715000: uvm_test_top.e.a.driv [DRV] Data Read applied to the Interface: Addr = 15
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 2725000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 2725000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 15, Rdata = 1997610929
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(281) @ 2725000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 2745000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 30, Rdata = 529476116, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 2745000: uvm_test_top.e.a.driv [DRV] Data Read applied to the Interface: Addr = 30
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 2755000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 2755000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 30, Rdata = 529476116
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(281) @ 2755000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 2775000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 31, Rdata = 4202198602, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 2775000: uvm_test_top.e.a.driv [DRV] Data Read applied to the Interface: Addr = 31
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 2785000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 2785000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 31, Rdata = 4202198602
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(281) @ 2785000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 2805000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 14, Rdata = 2610953263, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 2805000: uvm_test_top.e.a.driv [DRV] Data Read applied to the Interface: Addr = 14
```

```
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 2815000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 2815000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 14, Rdata = 2610953263
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(281) @ 2815000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 2835000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 22, Rdata = 975439588, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 2835000: uvm_test_top.e.a.driv [DRV] Data Read applied to the Interface: Addr = 22
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 2845000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 2845000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 22, Rdata = 975439588
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(281) @ 2845000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 2865000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 20, Rdata = 2878244707, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 2865000: uvm_test_top.e.a.driv [DRV] Data Read applied to the Interface: Addr = 20
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 2875000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 2875000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 20, Rdata = 2878244707
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(281) @ 2875000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 2895000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 26, Rdata = 1714557016, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 2895000: uvm_test_top.e.a.driv [DRV] Data Read applied to the Interface: Addr = 26
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 2905000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 2905000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 26, Rdata = 1714557016
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(281) @ 2905000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 2925000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 24, Rdata = 3400330566, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 2925000: uvm_test_top.e.a.driv [DRV] Data Read applied to the Interface: Addr = 24
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 2935000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 2935000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 24, Rdata = 3400330566
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(281) @ 2935000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 2955000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 10, Rdata = 1300976470, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 2955000: uvm_test_top.e.a.driv [DRV] Data Read applied to the Interface: Addr = 10
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 2965000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 2965000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 10, Rdata = 1300976470
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(281) @ 2965000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 2985000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 29, Rdata = 3701295713, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 2985000: uvm_test_top.e.a.driv [DRV] Data Read applied to the Interface: Addr = 29
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 2995000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 2995000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 29, Rdata = 3701295713
```

```
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(281) @ 2995000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 3015000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 18, Rdata = 3845686870, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 3015000: uvm_test_top.e.a.driv [DRV] Data Read applied to the Interface: Addr = 18
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 3025000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 3025000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 18, Rdata = 3845686870
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(281) @ 3025000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 3045000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 21, Rdata = 3336258796, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 3045000: uvm_test_top.e.a.driv [DRV] Data Read applied to the Interface: Addr = 21
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 3055000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 3055000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 21, Rdata = 3336258796
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(281) @ 3055000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 3075000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 8, Rdata = 1878094956, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 3075000: uvm_test_top.e.a.driv [DRV] Data Read applied to the Interface: Addr = 8
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 3085000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 3085000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 8, Rdata = 1878094956
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(281) @ 3085000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 3105000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 13, Rdata = 3367622978, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 3105000: uvm_test_top.e.a.driv [DRV] Data Read applied to the Interface: Addr = 13
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 3115000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 3115000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 13, Rdata = 3367622978
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(281) @ 3115000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 3135000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 25, Rdata = 1221976400, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 3135000: uvm_test_top.e.a.driv [DRV] Data Read applied to the Interface: Addr = 25
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 3145000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 3145000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 25, Rdata = 1221976400
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(281) @ 3145000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 3165000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 17, Rdata = 4145332700, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 3165000: uvm_test_top.e.a.driv [DRV] Data Read applied to the Interface: Addr = 17
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 3175000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 3175000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 17, Rdata = 4145332700
# KERNEL: -----
# KERNEL:
```

```
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(281) @ 3175000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 3195000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 4, Rdata = 391926544, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 3195000: uvm_test_top.e.a.drv [DRV] Data Read applied to the Interface: Addr = 4
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 3205000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 3205000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 4, Rdata = 391926544
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(281) @ 3205000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 3225000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 28, Rdata = 2452953123, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 3225000: uvm_test_top.e.a.drv [DRV] Data Read applied to the Interface: Addr = 28
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 3235000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 3235000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 28, Rdata = 2452953123
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(281) @ 3235000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 3255000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 12, Rdata = 1207145146, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 3255000: uvm_test_top.e.a.drv [DRV] Data Read applied to the Interface: Addr = 12
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 3265000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 3265000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 12, Rdata = 1207145146
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(281) @ 3265000: uvm_test_top.e.a.seqr@wrb_rdb [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 3285000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 0, Rdata = 795305280, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 3285000: uvm_test_top.e.a.drv [DRV] Data Read applied to the Interface: Addr = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 3295000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 3295000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 0, Rdata = 795305280
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(735) @ 3295000: uvm_test_top [TEST] Bulk Sequence Executed
# KERNEL: //////////////////////////////////////
# KERNEL:
# KERNEL:
# KERNEL:
# KERNEL: //////////////////////////////////////
# KERNEL: UVM_INFO /home/runner/testbench.sv(198) @ 3295000: uvm_test_top.e.a.seqr@rstdut [SEQ] Reset Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(335) @ 3295000: uvm_test_top.e.a.drv [DRV] Reset done
# KERNEL: UVM_INFO /home/runner/testbench.sv(479) @ 3305000: uvm_test_top.e.a.mon [MON] Reset Detected
# KERNEL: UVM_INFO /home/runner/testbench.sv(543) @ 3305000: uvm_test_top.e.sco [SCO] Reset Detected
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(198) @ 3305000: uvm_test_top.e.a.seqr@rstdut [SEQ] Reset Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(335) @ 3305000: uvm_test_top.e.a.drv [DRV] Reset done
# KERNEL: UVM_INFO /home/runner/testbench.sv(479) @ 3315000: uvm_test_top.e.a.mon [MON] Reset Detected
# KERNEL: UVM_INFO /home/runner/testbench.sv(543) @ 3315000: uvm_test_top.e.sco [SCO] Reset Detected
```

```
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(198) @ 3315000: uvm_test_top.e.a.seqr@rstdut [SEQ] Reset Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(335) @ 3315000: uvm_test_top.e.a.drv [DRV] Reset done
# KERNEL: UVM_INFO /home/runner/testbench.sv(479) @ 3325000: uvm_test_top.e.a.mon [MON] Reset Detected
# KERNEL: UVM_INFO /home/runner/testbench.sv(543) @ 3325000: uvm_test_top.e.sco [SCO] Reset Detected
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(198) @ 3325000: uvm_test_top.e.a.seqr@rstdut [SEQ] Reset Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(335) @ 3325000: uvm_test_top.e.a.drv [DRV] Reset done
# KERNEL: UVM_INFO /home/runner/testbench.sv(479) @ 3335000: uvm_test_top.e.a.mon [MON] Reset Detected
# KERNEL: UVM_INFO /home/runner/testbench.sv(543) @ 3335000: uvm_test_top.e.sco [SCO] Reset Detected
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(198) @ 3335000: uvm_test_top.e.a.seqr@rstdut [SEQ] Reset Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(335) @ 3335000: uvm_test_top.e.a.drv [DRV] Reset done
# KERNEL: UVM_INFO /home/runner/testbench.sv(479) @ 3345000: uvm_test_top.e.a.mon [MON] Reset Detected
# KERNEL: UVM_INFO /home/runner/testbench.sv(543) @ 3345000: uvm_test_top.e.sco [SCO] Reset Detected
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(479) @ 3355000: uvm_test_top.e.a.mon [MON] Reset Detected
# KERNEL: UVM_INFO /home/runner/testbench.sv(543) @ 3355000: uvm_test_top.e.sco [SCO] Reset Detected
# KERNEL: UVM_INFO /home/runner/testbench.sv(744) @ 3365000: uvm_test_top [TEST] Reset Sequence Executed
# KERNEL: //////////////////////////////////////
# KERNEL:
# KERNEL:
# KERNEL:
# KERNEL: //////////////////////////////////////
# KERNEL: UVM_INFO /home/runner/testbench.sv(479) @ 3365000: uvm_test_top.e.a.mon [MON] Reset Detected
# KERNEL: UVM_INFO /home/runner/testbench.sv(543) @ 3365000: uvm_test_top.e.sco [SCO] Reset Detected
# KERNEL: UVM_INFO /home/runner/testbench.sv(228) @ 3365000: uvm_test_top.e.a.seqr@wr_rd [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 3395000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 2, wData = 2580697664, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 3395000: uvm_test_top.e.a.drv [DRV] Data Write applied to the Interface: Addr = 2, wdata = 2580697664
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 3405000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 2, wdata = 2580697664
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(236) @ 3405000: uvm_test_top.e.a.seqr@wr_rd [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 3425000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 13, Rdata = 0, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 3425000: uvm_test_top.e.a.drv [DRV] Data Read applied to the Interface: Addr = 13
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 3435000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 3435000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 13, Rdata = 0
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(228) @ 3435000: uvm_test_top.e.a.seqr@wr_rd [SEQ] Data Write Request Sent:
```

```
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 3455000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 31, wData = 2428474103, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 3455000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 31, wdata = 2428474103
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 3465000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 31, wdata = 2428474103
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(236) @ 3465000: uvm_test_top.e.a.seqr@@wr_rd [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 3485000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 26, Rdata = 0, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 3485000: uvm_test_top.e.a.driv [DRV] Data Read applied to the Interface: Addr = 26
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 3495000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 3495000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 26, Rdata = 0
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(228) @ 3495000: uvm_test_top.e.a.seqr@@wr_rd [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 3515000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 15, wData = 2073285794, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 3515000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 15, wdata = 2073285794
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 3525000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 15, wdata = 2073285794
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(236) @ 3525000: uvm_test_top.e.a.seqr@@wr_rd [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 3545000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 10, Rdata = 0, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 3545000: uvm_test_top.e.a.driv [DRV] Data Read applied to the Interface: Addr = 10
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 3555000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 3555000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 10, Rdata = 0
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(228) @ 3555000: uvm_test_top.e.a.seqr@@wr_rd [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 3575000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 16, wData = 1515132737, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 3575000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 16, wdata = 1515132737
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 3585000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 16, wdata = 1515132737
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(236) @ 3585000: uvm_test_top.e.a.seqr@@wr_rd [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 3605000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 2, Rdata = 2580697664, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 3605000: uvm_test_top.e.a.driv [DRV] Data Read applied to the Interface: Addr = 2
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 3615000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 3615000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 2, Rdata = 2580697664
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(228) @ 3615000: uvm_test_top.e.a.seqr@@wr_rd [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 3635000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 4, wData = 754014932, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 3635000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 4, wdata = 754014932
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 3645000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 4, wdata = 754014932
# KERNEL: -----
# KERNEL:
```

```
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(236) @ 3645000: uvm_test_top.e.a.seqr@@wr_rd [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 3665000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 28, Rdata = 0, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 3665000: uvm_test_top.e.a.driv [DRV] Data Read applied to the Interface: Addr = 28
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 3675000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 3675000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 28, Rdata = 0
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(228) @ 3675000: uvm_test_top.e.a.seqr@@wr_rd [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 3695000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 9, wData = 4084899675, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 3695000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 9, wdata = 4084899675
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 3705000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 9, wdata = 4084899675
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(236) @ 3705000: uvm_test_top.e.a.seqr@@wr_rd [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 3725000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 22, Rdata = 0, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 3725000: uvm_test_top.e.a.driv [DRV] Data Read applied to the Interface: Addr = 22
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 3735000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 3735000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 22, Rdata = 0
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(228) @ 3735000: uvm_test_top.e.a.seqr@@wr_rd [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 3755000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 1, wData = 2917852374, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 3755000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 1, wdata = 2917852374
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 3765000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 1, wdata = 2917852374
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(236) @ 3765000: uvm_test_top.e.a.seqr@@wr_rd [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 3785000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 15, Rdata = 2073285794, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 3785000: uvm_test_top.e.a.driv [DRV] Data Read applied to the Interface: Addr = 15
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 3795000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 3795000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 15, Rdata = 2073285794
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(228) @ 3795000: uvm_test_top.e.a.seqr@@wr_rd [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 3815000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 10, wData = 1547840325, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 3815000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 10, wdata = 1547840325
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 3825000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 10, wdata = 1547840325
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(236) @ 3825000: uvm_test_top.e.a.seqr@@wr_rd [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 3845000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 29, Rdata = 0, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 3845000: uvm_test_top.e.a.driv [DRV] Data Read applied to the Interface: Addr = 29
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 3855000: uvm_test_top.e.sco [SCO] Data Received
```

```
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 3855000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 29, Rdata = 0
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(228) @ 3855000: uvm_test_top.e.a.seqr@wr_rd [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 3875000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 6, WData = 4269830824, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 3875000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 6, Wdata = 4269830824
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 3885000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 6, Wdata = 4269830824
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(236) @ 3885000: uvm_test_top.e.a.seqr@wr_rd [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 3905000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 5, Rdata = 0, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 3905000: uvm_test_top.e.a.driv [DRV] Data Read applied to the Interface: Addr = 5
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 3915000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 3915000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 5, Rdata = 0
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(228) @ 3915000: uvm_test_top.e.a.seqr@wr_rd [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 3935000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 19, WData = 2493889279, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 3935000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 19, Wdata = 2493889279
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 3945000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 19, Wdata = 2493889279
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(236) @ 3945000: uvm_test_top.e.a.seqr@wr_rd [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 3965000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 3, Rdata = 0, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 3965000: uvm_test_top.e.a.driv [DRV] Data Read applied to the Interface: Addr = 3
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 3975000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 3975000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 3, Rdata = 0
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(228) @ 3975000: uvm_test_top.e.a.seqr@wr_rd [SEQ] Data Write Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(492) @ 3995000: uvm_test_top.e.a.mon [MON] Data Write Received From Interface: Addr = 19, WData = 514982986, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(352) @ 3995000: uvm_test_top.e.a.driv [DRV] Data Write applied to the Interface: Addr = 19, Wdata = 514982986
# KERNEL: UVM_INFO /home/runner/testbench.sv(556) @ 4005000: uvm_test_top.e.sco [SCO] Data Written Successfully : Addr = 19, Wdata = 514982986
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(236) @ 4005000: uvm_test_top.e.a.seqr@wr_rd [SEQ] Data Read Request Sent:
# KERNEL: UVM_INFO /home/runner/testbench.sv(506) @ 4025000: uvm_test_top.e.a.mon [MON] Data Read Received From Interface: Addr = 5, Rdata = 0, Slave Error = 0
# KERNEL: UVM_INFO /home/runner/testbench.sv(368) @ 4025000: uvm_test_top.e.a.driv [DRV] Data Read applied to the Interface: Addr = 5
# KERNEL: UVM_INFO /home/runner/testbench.sv(572) @ 4035000: uvm_test_top.e.sco [SCO] Data Received
# KERNEL: UVM_INFO /home/runner/testbench.sv(574) @ 4035000: uvm_test_top.e.sco [SCO] Data MATCHED: Addr = 5, Rdata = 0
# KERNEL: -----
# KERNEL:
# KERNEL: -----
# KERNEL: UVM_INFO /home/runner/testbench.sv(228) @ 4035000: uvm_test_top.e.a.seqr@wr_rd [SEQ] Data Write Request Sent:
```