>>>>>>>>>> Outgoing msg from CPU: 4, Transaction: 403, Socket name: top.CPU_4.init_socket, Phase: BEGIN_REQ, Cmd: R, Addr: 41, Data: 620145550, Time: 6093 ns

---------> Outgoing msg from Router: 4, Transaction: 403, Target_Socket: top.Router_4.Target, Id: 0, Init_Socket: top.Router_4.Initiator, Phase: BEGIN_REQ, Time: 6093 ns

---------> Outgoing msg from Router: 5, Transaction: 403, Target_Socket: top.Router_5.Target, Id: 1, Init_Socket: top.Router_5.Initiator, Phase: BEGIN_REQ, Time: 6093 ns

---------> Outgoing msg from Router: 6, Transaction: 403, Target_Socket: top.Router_6.Target, Id: 1, Init_Socket: top.Router_6.Initiator, Phase: BEGIN_REQ, Time: 6093 ns

---------> Outgoing msg from Router: 7, Transaction: 403, Target_Socket: top.Router_7.Target, Id: 0, Init_Socket: top.Router_7.Initiator, Phase: BEGIN_REQ, Time: 6093 ns

>>>>>>>>>> Outgoing msg received in Memory: top.Memory, Transaction: 403, Target_Socket: top.Memory.target_socket, Phase: BEGIN_REQ, Addr: 41, Msg len: 4, Data: 0, Time: 6093 ns

<-<-<-<-<- Outgoing msg from Memory: top.Memory, Transaction: 403, Target_Socket: top.Memory.target_socket, Phase: BEGIN_REQ, Cmd: R, Addr: 41, Time: 6093973 ps

<-<-<-<-<- Outgoing msg from Memory: top.Memory, Transaction: 403, Target_Socket: top.Memory.target_socket, Phase: END_REQ, Time: 6093973 ps

<--------- Incoming msg from Router: 7, Transaction: 403, Init_Socket: top.Router_7.Initiator, Id: 1, Target_Socket: top.Router_7.Target, Phase: END_REQ, Time: 6093973 ps

<--------- Incoming msg from Router: 6, Transaction: 403, Init_Socket: top.Router_6.Initiator, Id: 0, Target_Socket: top.Router_6.Target, Phase: END_REQ, Time: 6093973 ps

<--------- Incoming msg from Router: 5, Transaction: 403, Init_Socket: top.Router_5.Initiator, Id: 0, Target_Socket: top.Router_5.Target, Phase: END_REQ, Time: 6093973 ps

<--------- Incoming msg from Router: 4, Transaction: 403, Init_Socket: top.Router_4.Initiator, Id: 0, Target_Socket: top.Router_4.Target, Phase: END_REQ, Time: 6093973 ps

<<<<<<<<<< Incoming msg received in CPU: 4, Transaction: 403, Socket name: top.CPU_4.init_socket, Phase: END_REQ, Cmd: R, Addr: 41, Data: 620145550, Time: 6093973 ps

->->->->-> Transaction DONE! CPU: 4, Transaction: 403, Socket name: top.CPU_4.init_socket, Phase: END_REQ, Cmd: R, Addr: 41, Time: 6103099 ps

<-<-<-<-<- Outgoing msg from Memory: top.Memory, Transaction: 403, Target_Socket: top.Memory.target_socket, Phase: internal_ph, Cmd: R, Addr: 41, Time: 6104275 ps

********* Processing msg in Memory: top.Memory, Transaction: 403, Executing: READ, Addr: 41, Data: 1653377373, Time: 6104275 ps