**Trigger Detection Test Results**

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**TCL Console Output:**

# run 1000ns

Time=>5, i\_reset\_n=>0, o\_countenb=>0, o\_latchcount=>0 [TRIGGER\_TC\_01 PASS]

Time=>5, i\_reset\_n=>0, o\_countinit=>1 [TRIGGER\_TC\_02 PASS]

Time=>25 ,i\_reset\_n=>1, o\_countinit=>0 [TRIGGER\_TC\_03 PASS]

Time=>35 ,i\_trigger=>1,o\_countenb=>1, o\_latchcount=>1 [TRIGGER\_TC\_04 PASS]

Time=>75 ,i\_trigger=>1,o\_countenb=>0, o\_latchcount=>0 [TRIGGER\_TC\_04 PASS]

Time=>145 ,i\_trigger=>1,o\_countenb=>1, o\_latchcount=>1 [TRIGGER\_TC\_04 PASS]

Time=>205 ,i\_trigger=>1,o\_countenb=>0, o\_latchcount=>0 [TRIGGER\_TC\_04 PASS]

Simulation Finished

$finish called at time : 205 ns : File "C:/Users/hruy1/Desktop/rtc\_trigger\_detection\_tb.sv" Line 199

INFO: [USF-XSim-96] XSim completed. Design snapshot 'rtc\_trigger\_detection\_tb\_behav' loaded.

INFO: [USF-XSim-97] XSim simulation ran for 1000ns

**Screen shot of waveform:**

