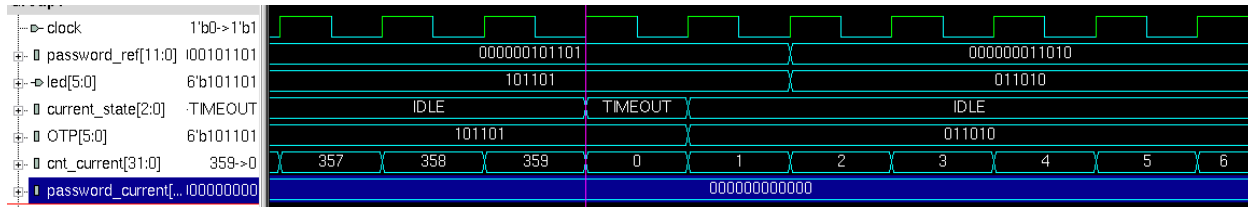


Simulation Results

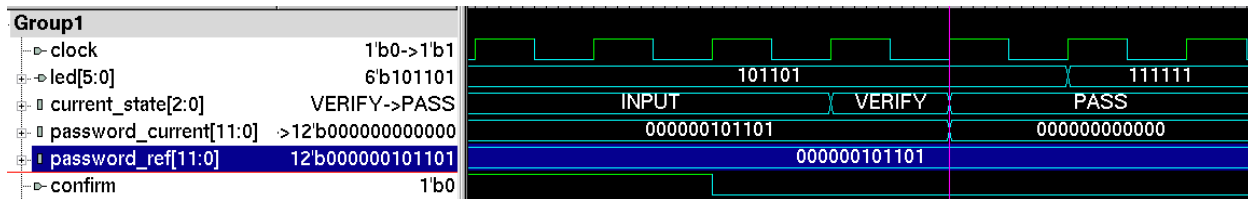
TimeOut test

The clock is 6Hz, so 360 cycles = 60s

If no inputs after 60s, the OTP is updated

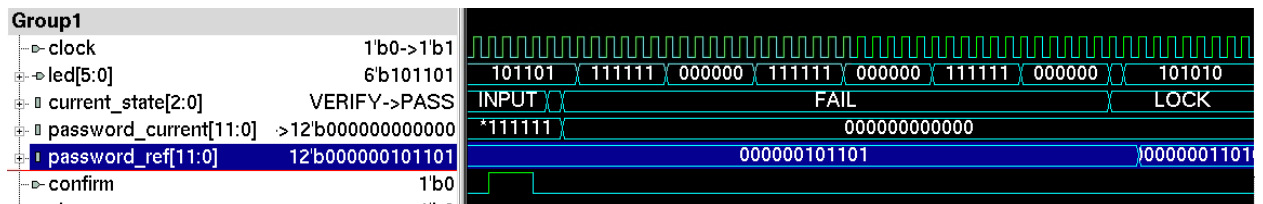


Correct Password test

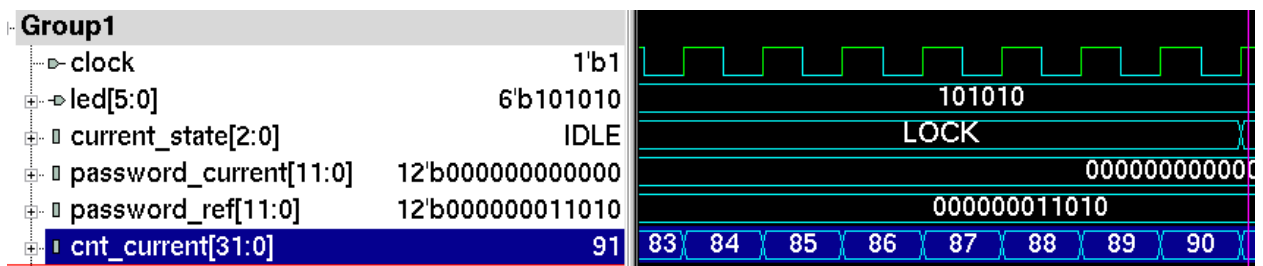


Wrong Password tests

(1) The first failure

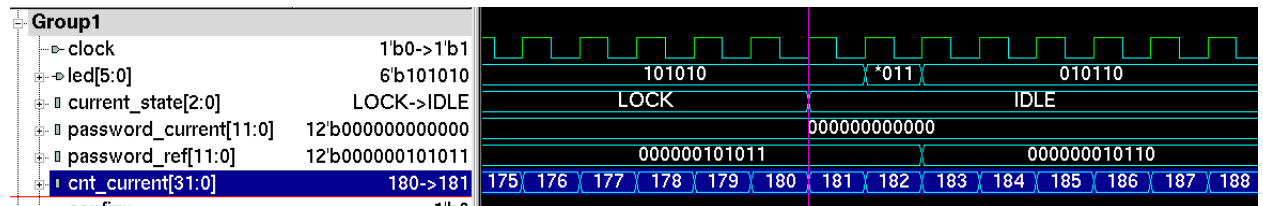


In the FAIL state, the LED is flashing

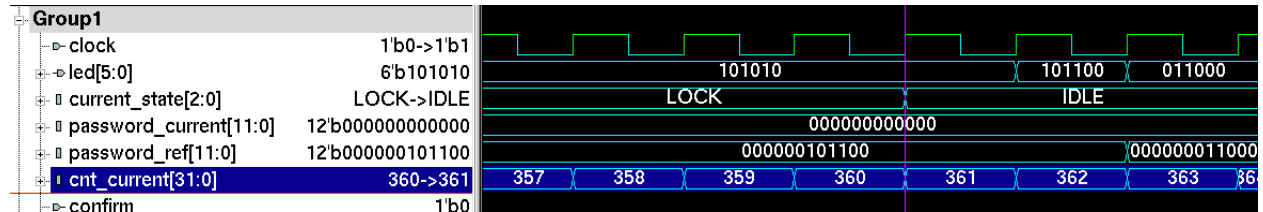


The lock time is 90 cycles, 15s

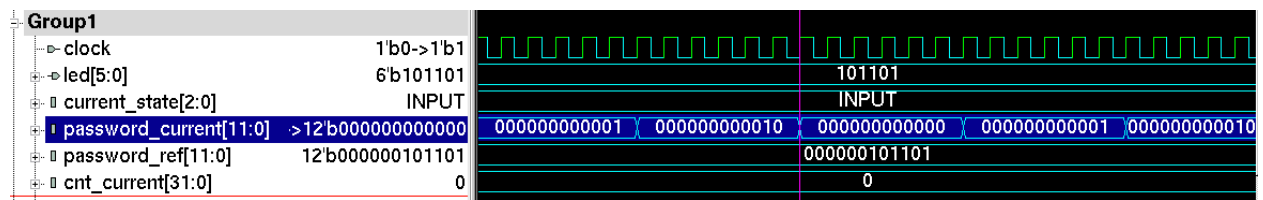
(2) The second failure



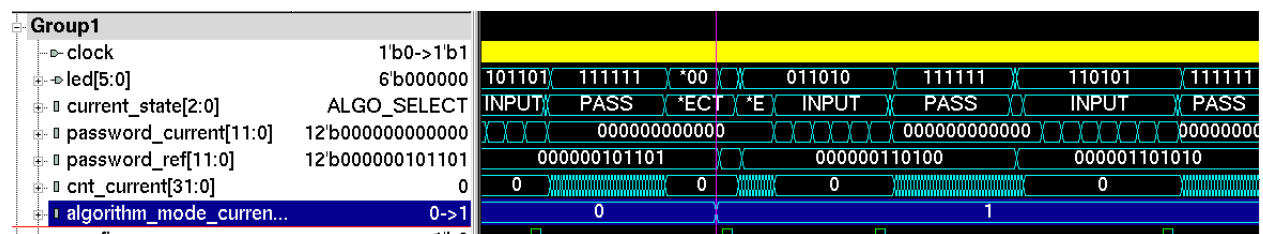
(3) The third time

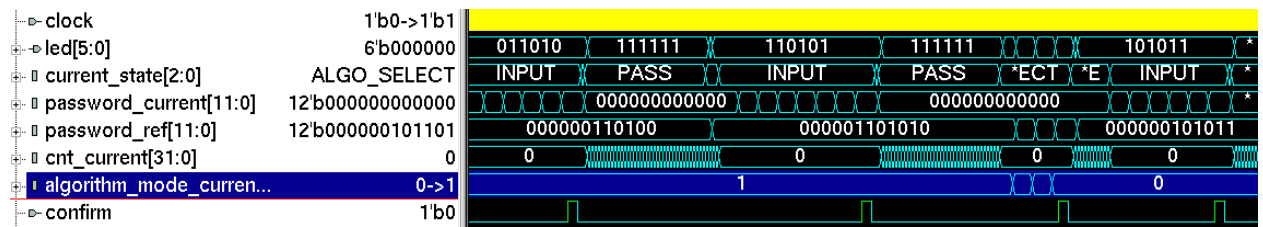


Clear function test



The algorithm selection mode tests





The algorithm mode is changed back to 0. And the password should be equal to OTP. OTP is 101011. The password is 101011.