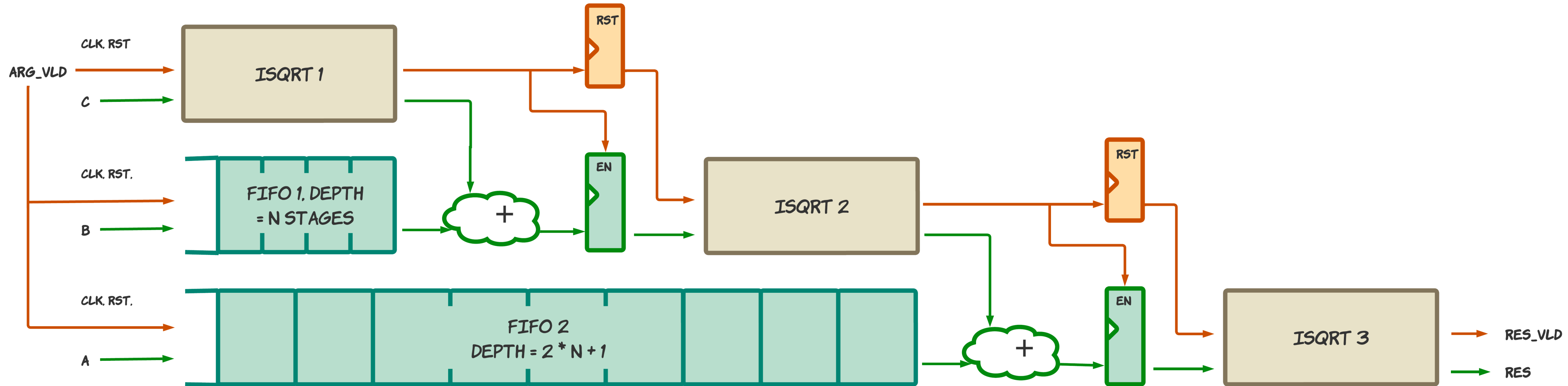
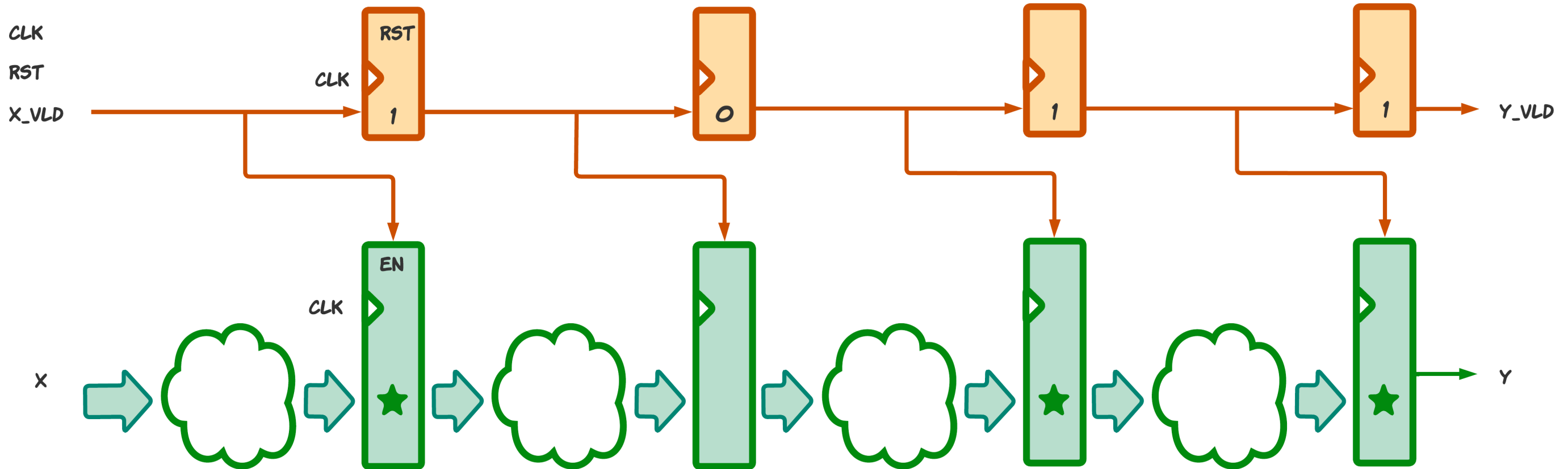
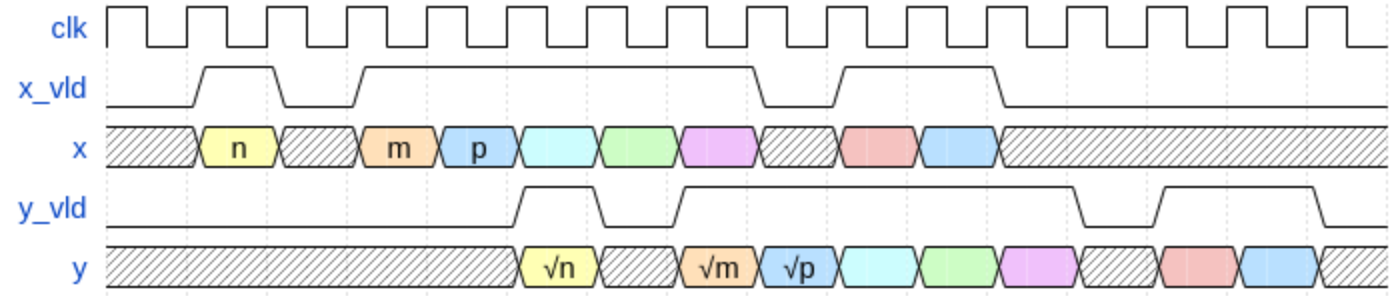


PIPELINED SQRT (A + SQRT (B + SQRT (C)))H  
WITH 3 ISQRT PIPELINED MODULES  
AND TWO FIFOS

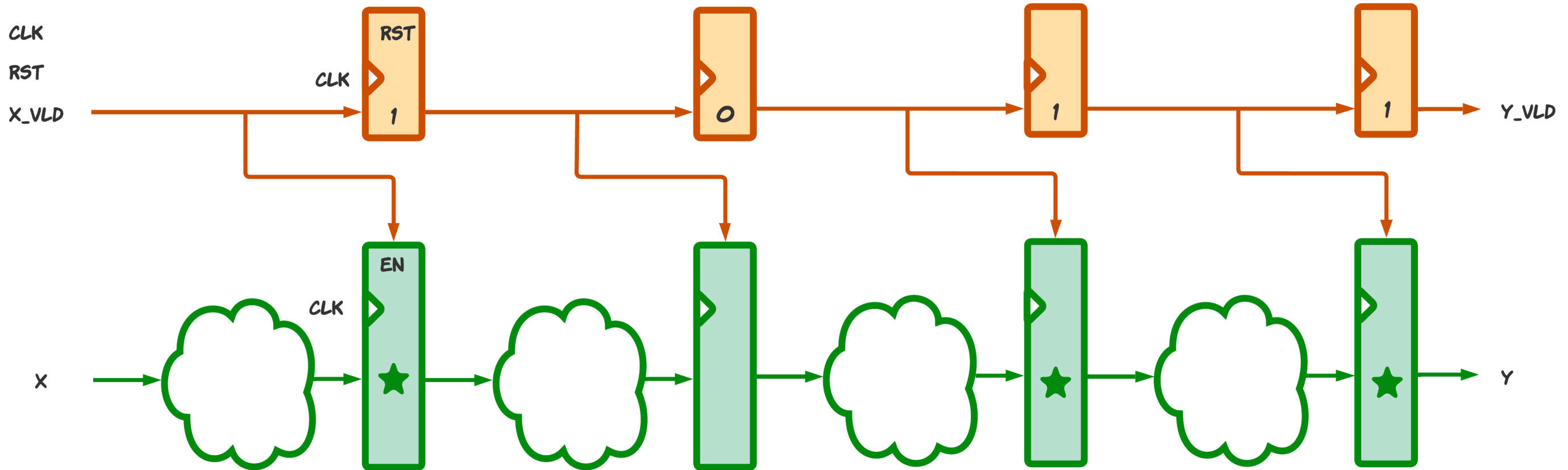


# ISQRT PIPELINE

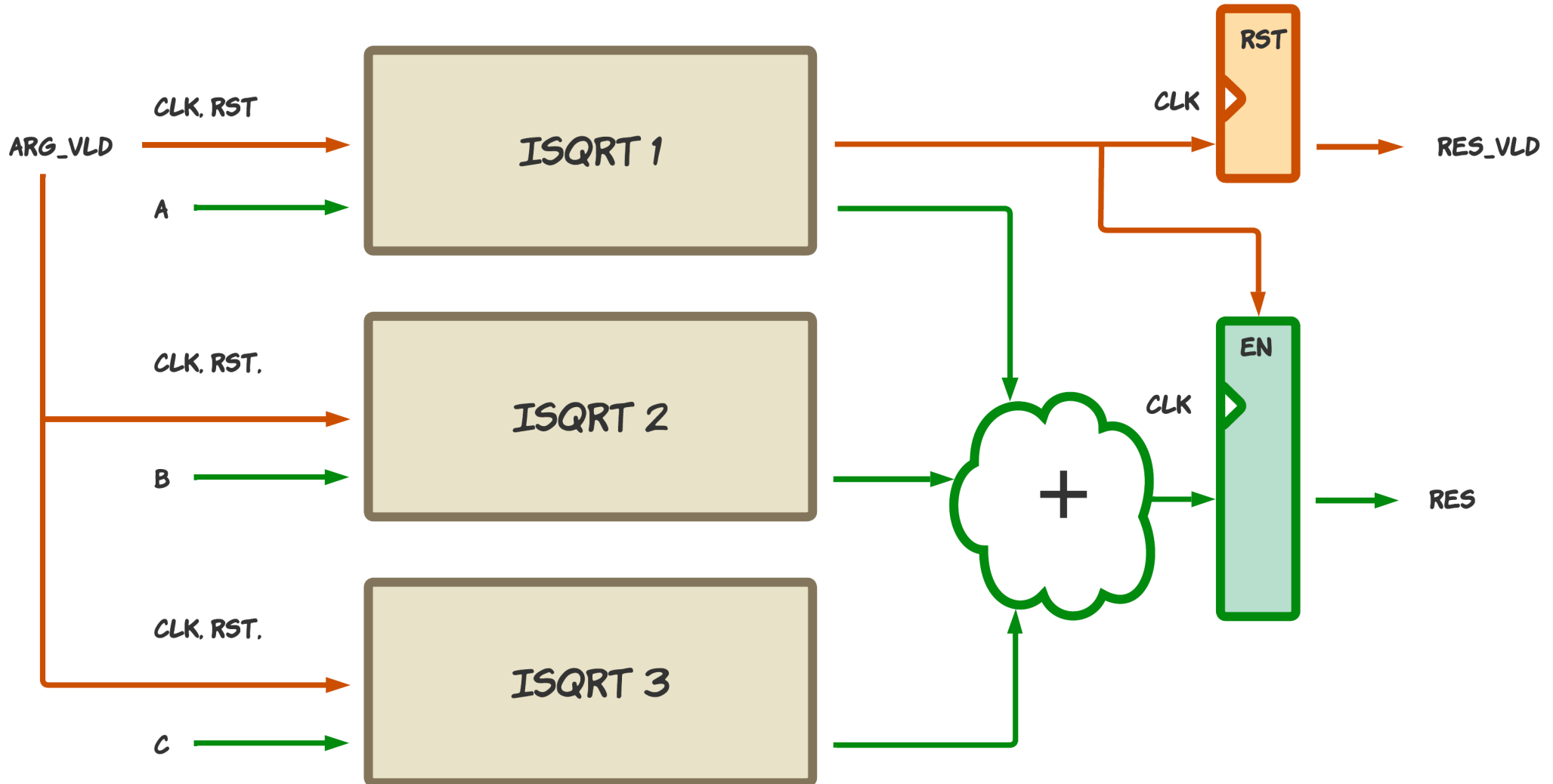


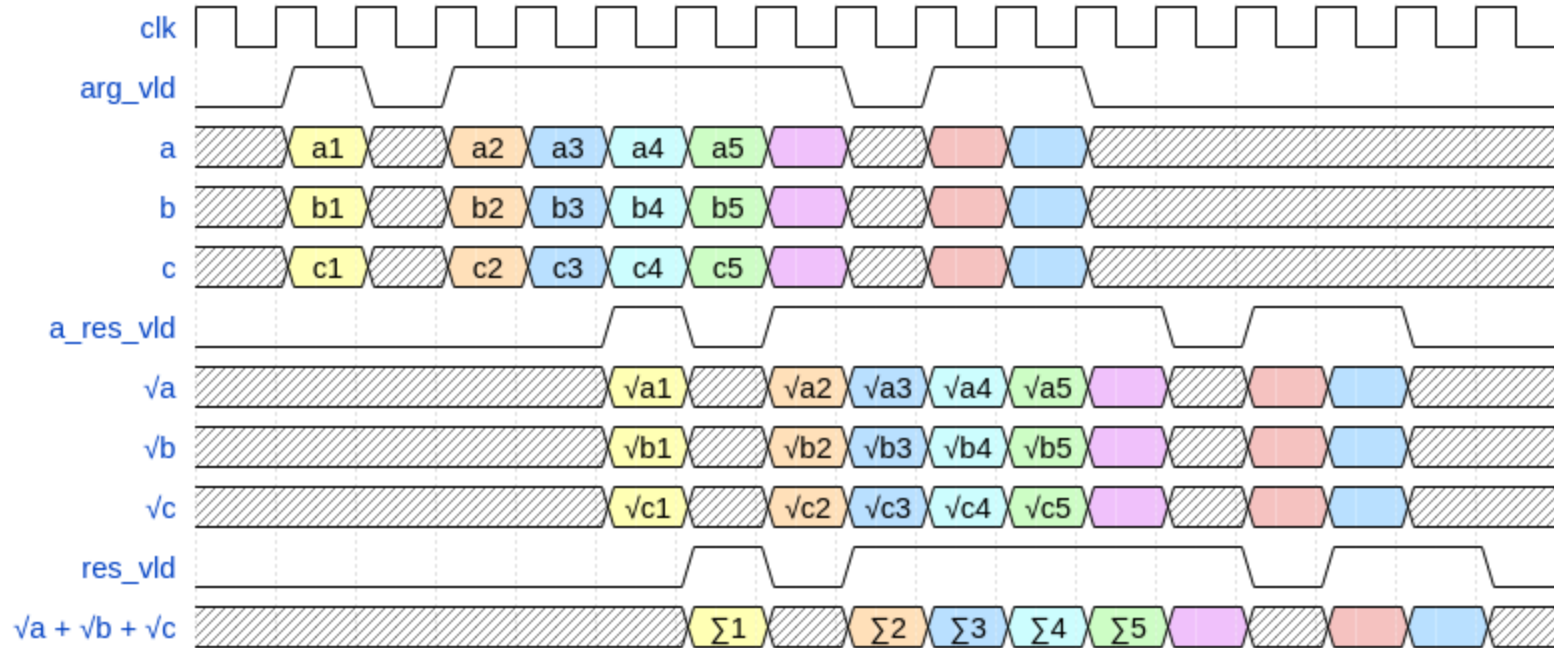


# ISQRT PIPELINE

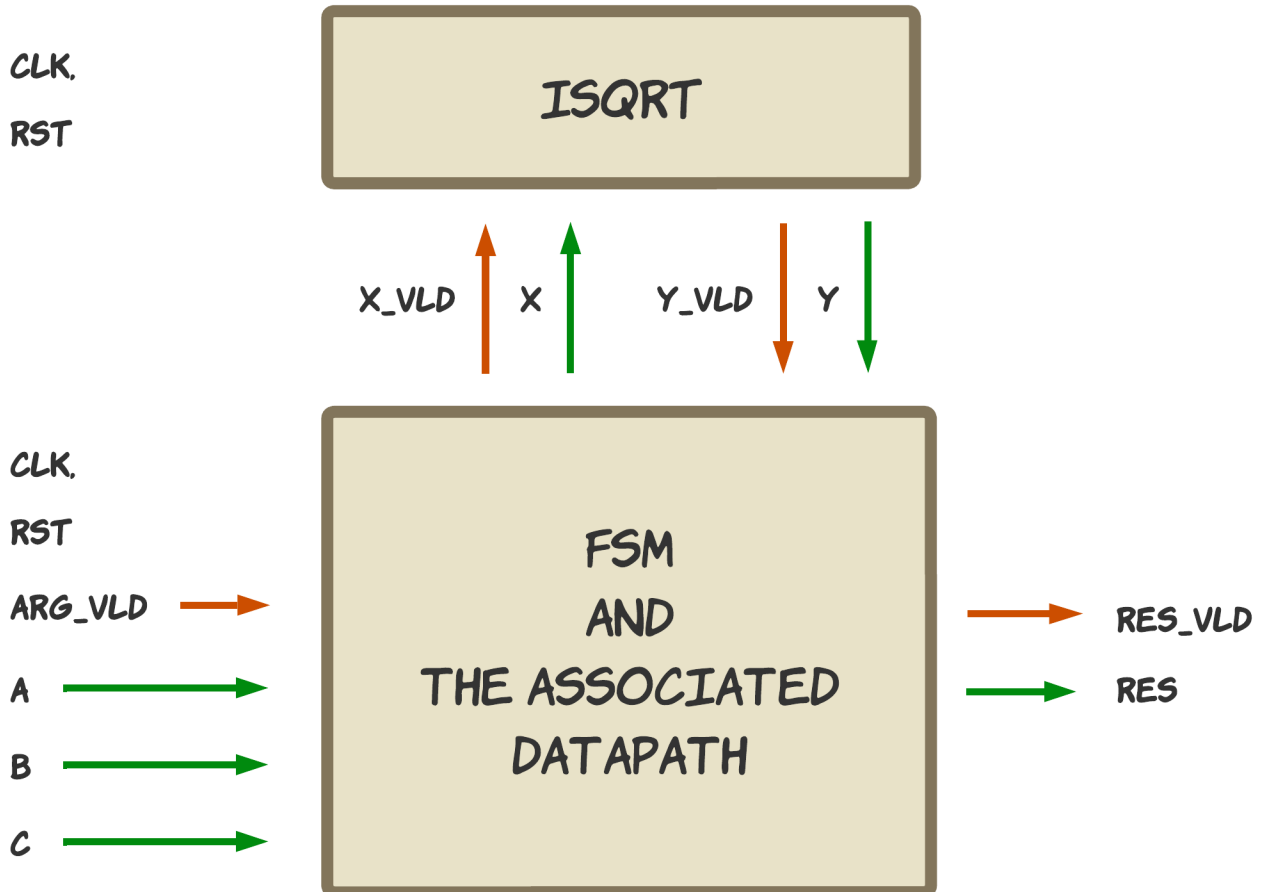


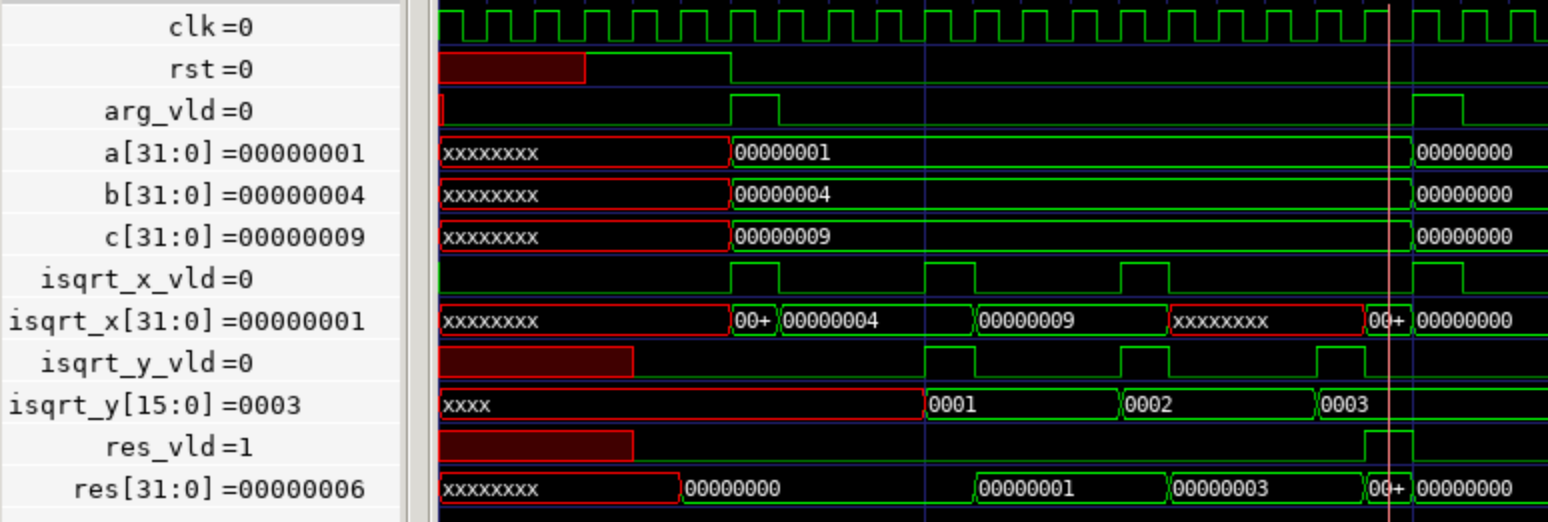
# PIPELINED SQRT (A) + SQRT (B) + SQRT (C) WITH 3 ISQRT PIPELINED MODULES





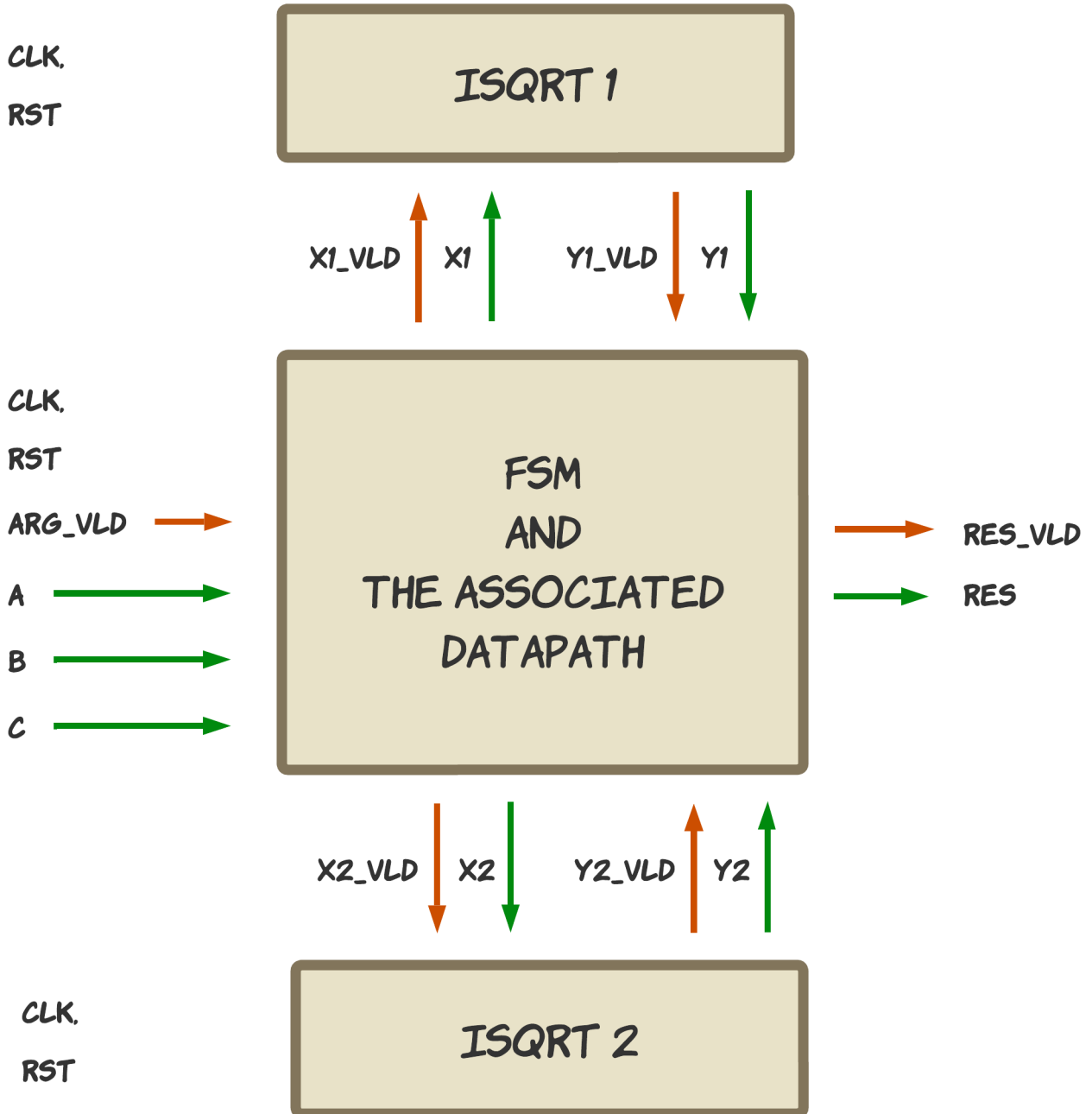
# IMPLEMENTING A FORMULA WITH FSM THAT CONTROLS ONE ISQRT MODULE



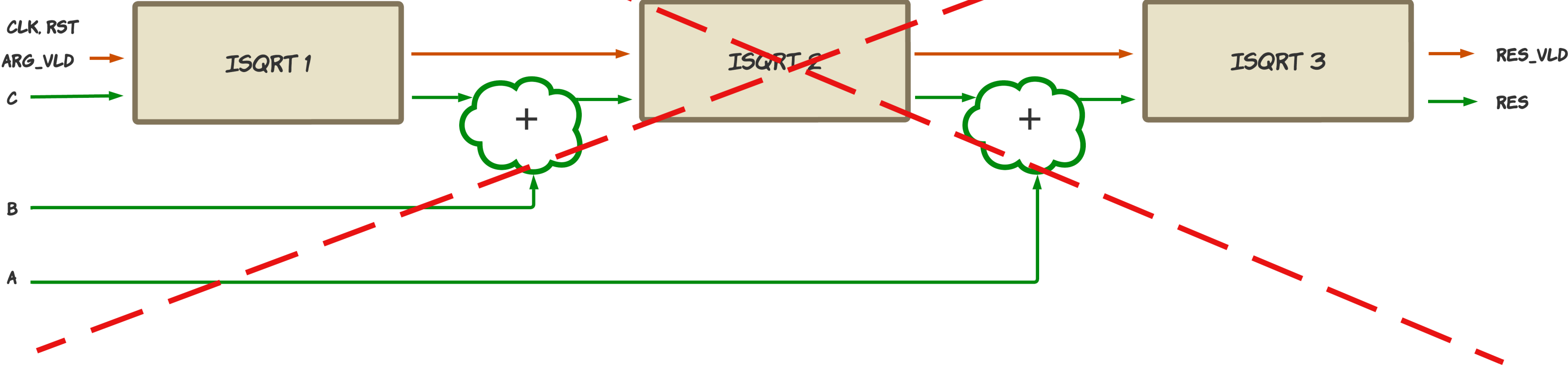




# IMPLEMENTING A FORMULA WITH FSM THAT CONTROLS TWO ISQRT MODULES

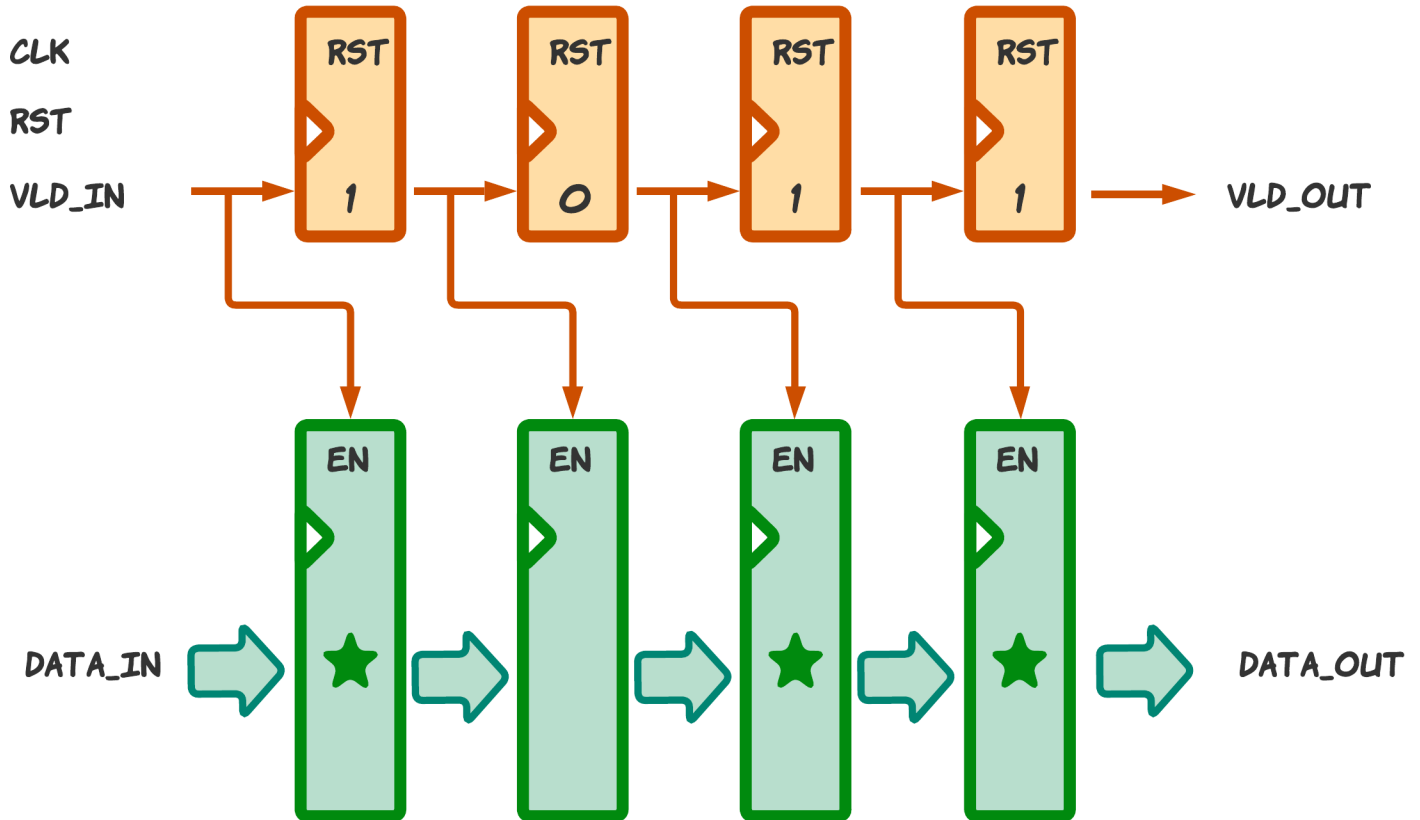


~~PIPELINED SQRT (A + SQRT (B + SQRT (C)))H~~  
~~WITH 3 ISQRT PIPELINED MODULES~~  
~~INCORRECT~~



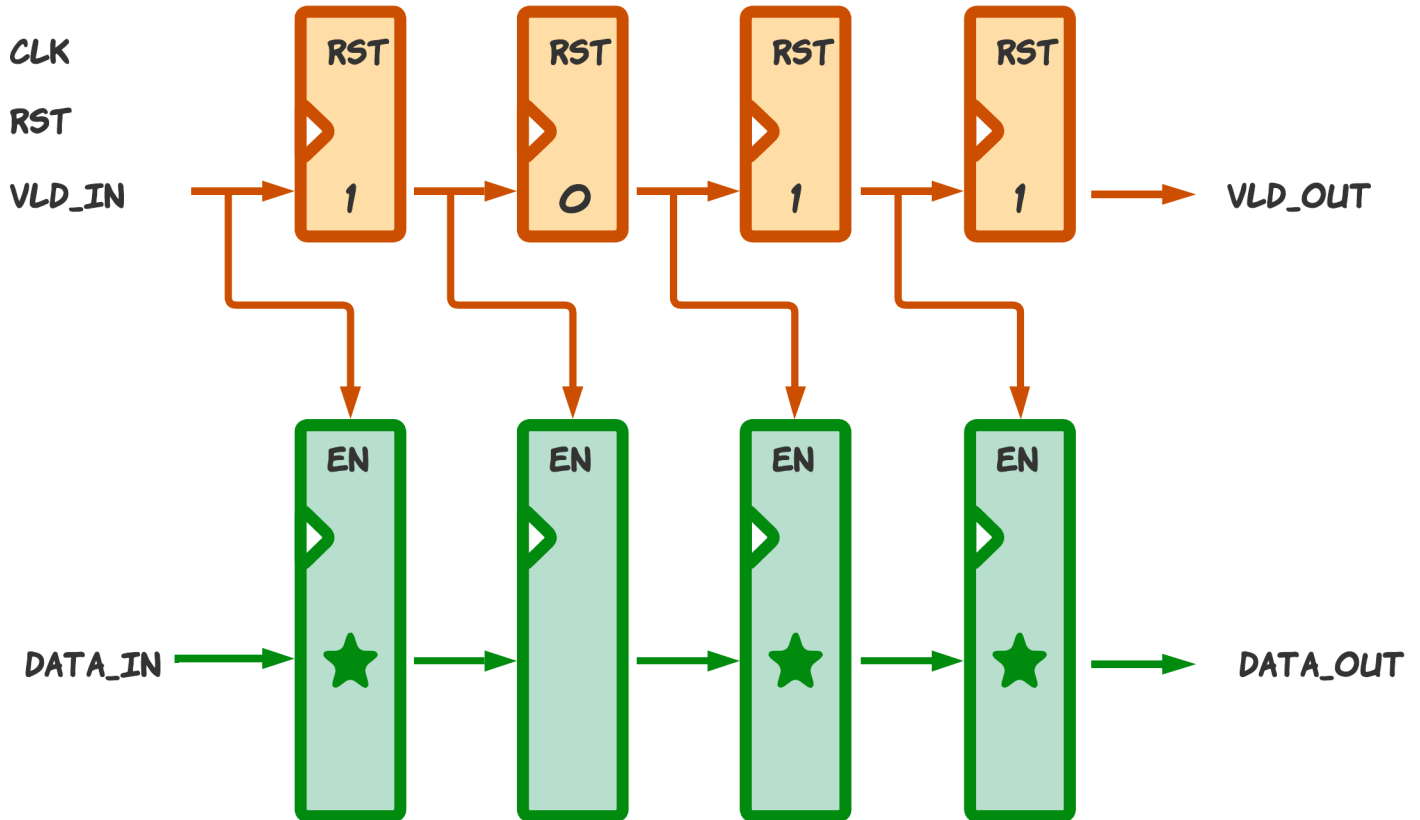
# SHIFT REGISTER

WITH VALID BIT FOR WIDE DATA



# SHIFT REGISTER

WITH VALID BIT FOR WIDE DATA



PIPELINED SQRT (A + SQRT (B + SQRT (C)))H  
WITH 3 ISQRT PIPELINED MODULES  
AND SHIFT REGISTERS

