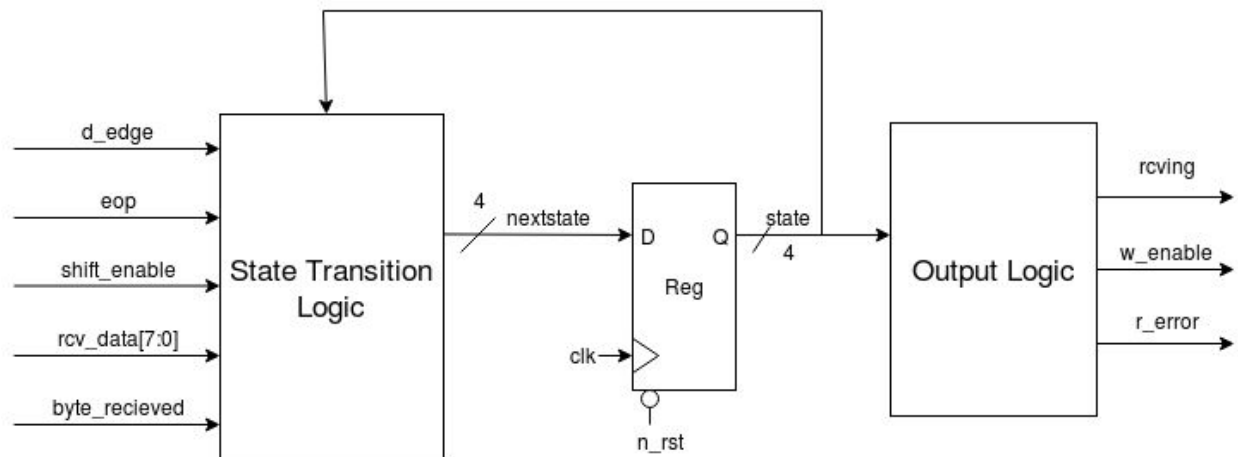
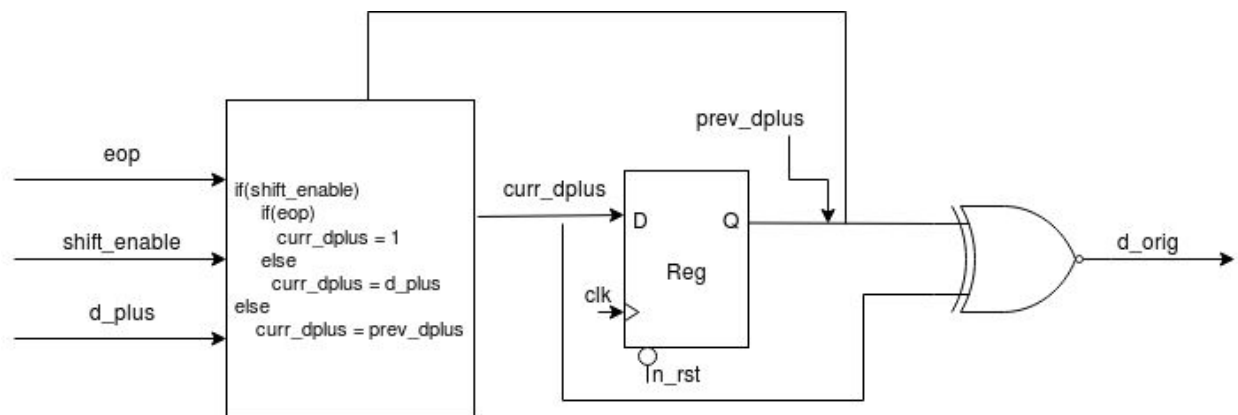


RCU State Transition Diagram:

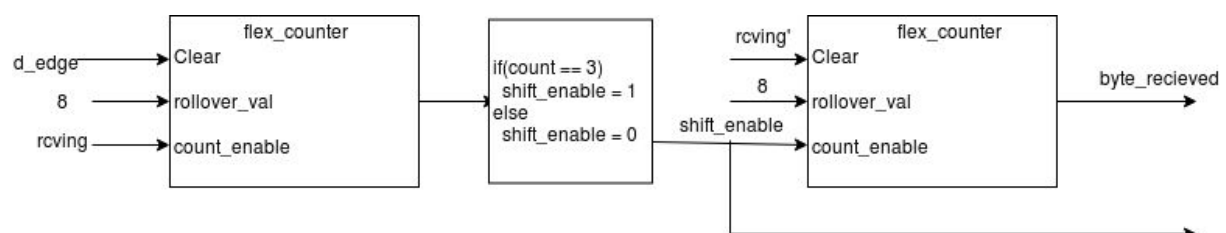
RTL diagram for Controller Block:



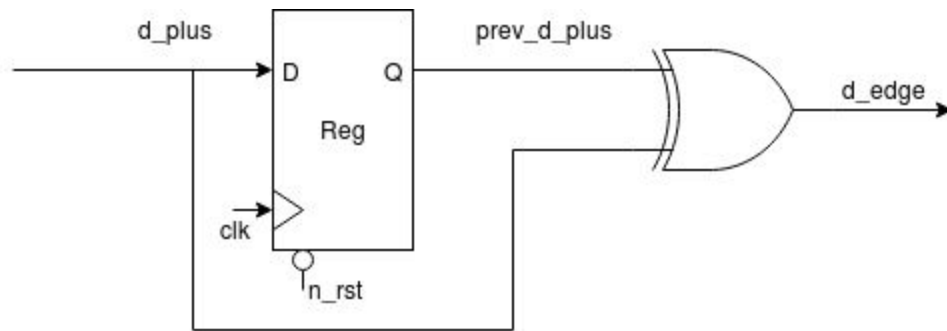
RTL diagram for the Decode block:



Functional Block Diagram for timer block:



Edge-detect schematic:



Eop_detect schematic:

