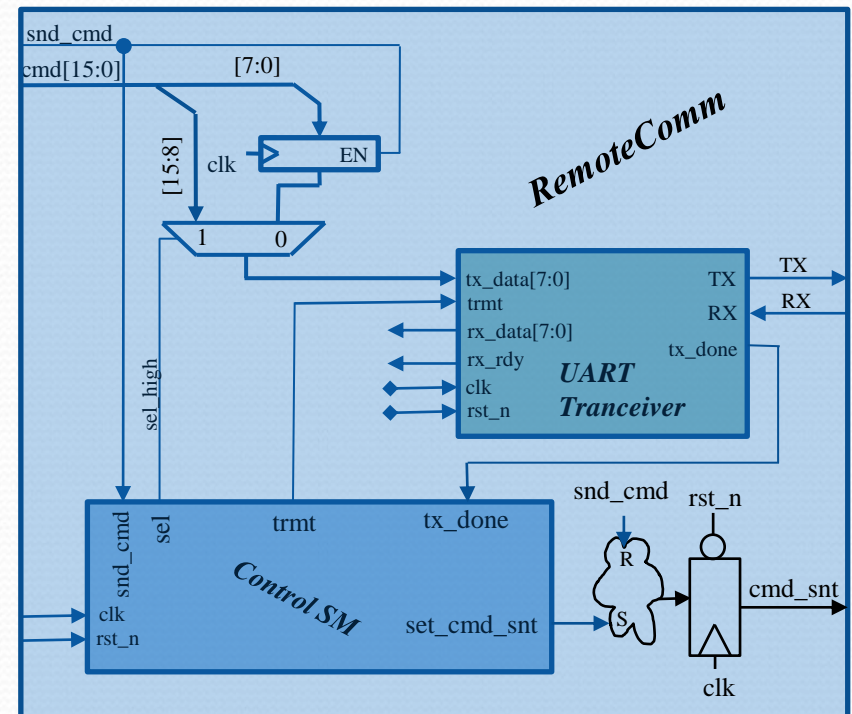
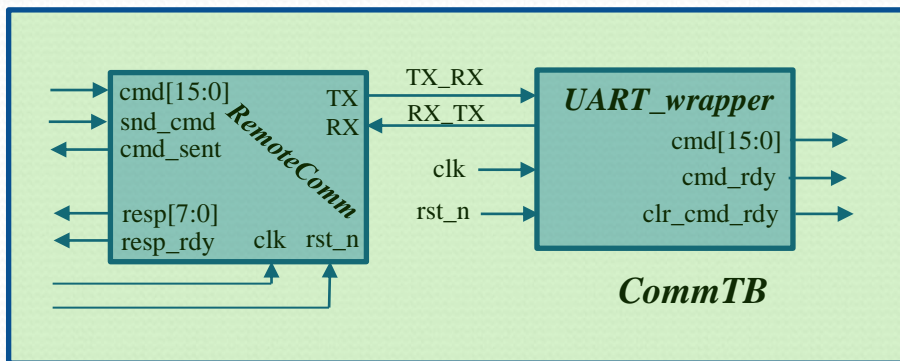


# Exercise 16: UART Wrapper (Testing It)

- How are you going to test **UART\_Wrapper**? Wouldn't it be nice to have a block that accepted a 16-bit command and sent it as two 8-bit UART transmissions?
- RemoteComm** performs the opposite function as **UART\_wrapper**. It takes a 16-bit command and sends it as two 8-bit bytes over UART.

- Create **RemoteComm.sv**
- Use **RemoteComm.sv** to create a self-checking test bench for **UART\_wrapper**. Call it **CommTB.v**.



*Submit whatever you have done by the end of class  
We will work on it again Friday, it is needed for the  
project and HW4.*