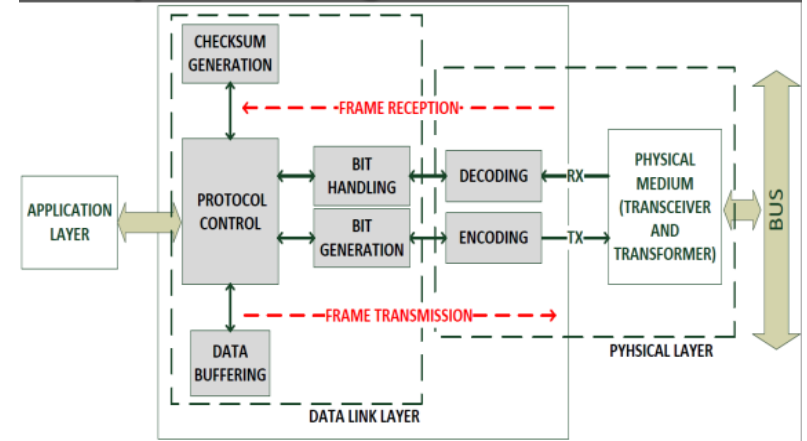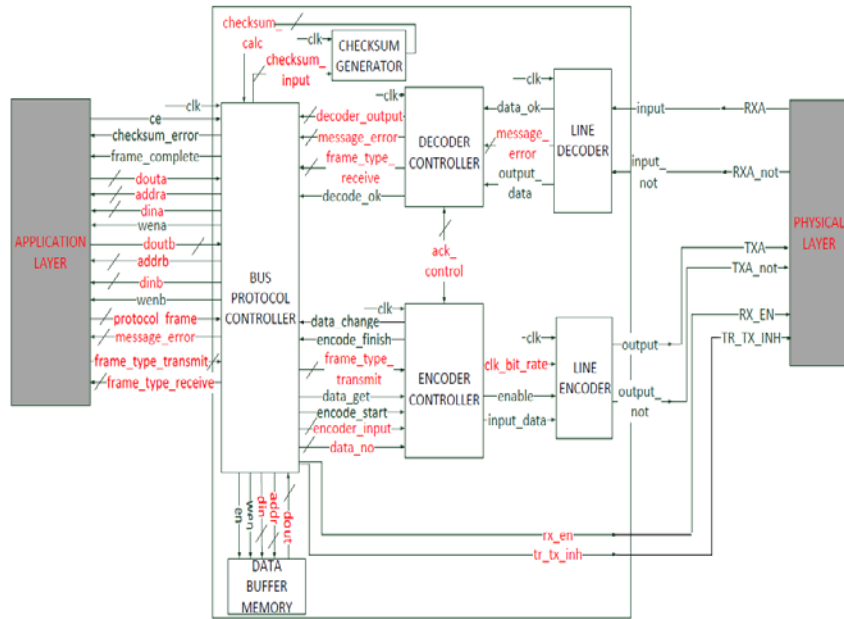# Mehdi DUMAN: UNIBUS: A Universal Hardware Architecture For Serial Bus Interfaces With Real-Time Support (2015)

➢ **UNIBUS (Universal Bus); an abstract, generic block level hardware architecture for implementing serial bus interfaces.**

➢ **Implementation of MIL-STD-1553B, CAN ,UART, ARINC-708, ARINC-717 bus protocols**

➢ **Hardware development time ↓**
➢ **Workload of the implementation ↓**
➢ **Hardware complexity of the design ↓**
➢ **Reliability of the design ↑**
➢ **Effectiveness of the design ↑**

XILINX.   ModelSim. Advanced Verification and Debugging

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