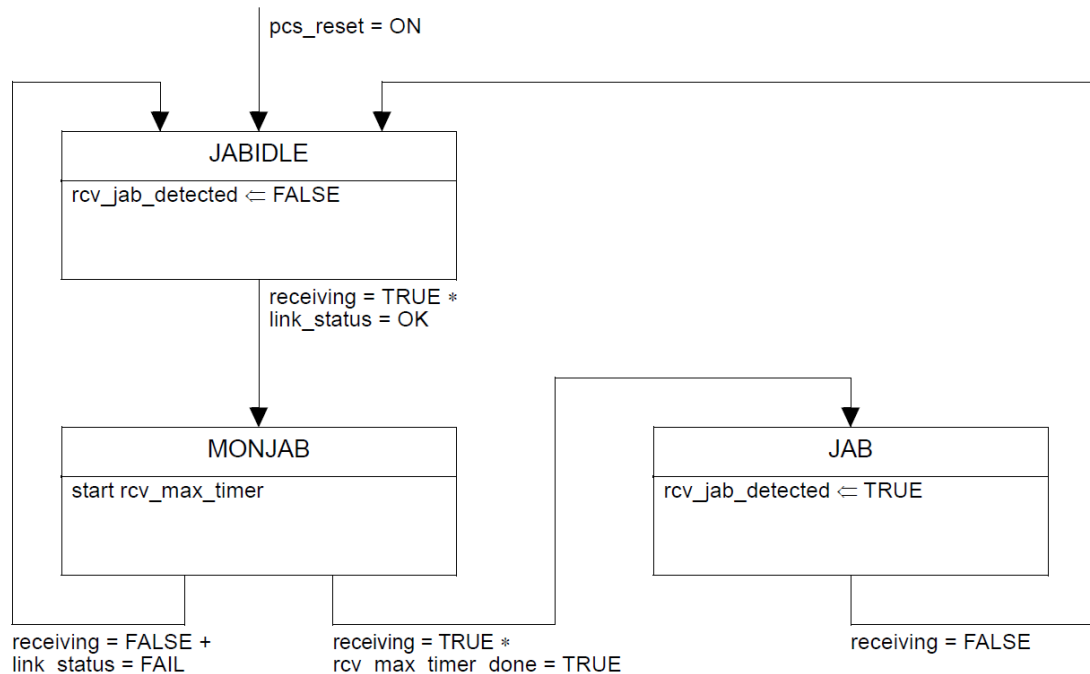




10 Mb/s Single Twisted Pair Ethernet 10BASE-T1L Jabber State Diagram (Comment #469)

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10BASE-T1L Jabber State Diagram



- The JAB state diagram is not comparable with the (Anti-)Jabber state machines of 10BASE-2, 10BASE-5, or Clause 147, which are needed to prevent jabber in a multidrop environment.
- The need for this state diagram is to reset the receive state machine in case an ESD or ESD with error is not received correctly (in this case the “receiving” variable permanently stays TRUE).
- In such a case the receive state machine is brought back to normal operation within 4 ms (which has been agreed by the task force to allow for up to 4 kByte Jumbo frames).
- So suggestion is to keep the JAB state diagram (if there is confusion, renaming it can be an option).

Thank You