







Example: Specification of the *SpaceWire* Protocol (European Space Agency standard)

8.5.2.2 ErrorReset

- a. The *ErrorReset* state shall be entered after a system reset, after link operation is terminated for any reason or if there is an error during link initialization.
- b. In the ${\it ErrorReset}$ state the Transmitter and Receiver shall all be reset.
- c. When the reset signal is de-asserted the *ErrorReset* state shall be left unconditionally after a delay of 6,4 μs (nominal) and the state machine shall move to the *ErrorWait* state.
- d. Whenever the reset signal is asserted the state machine shall move immediately to the *ErrorReset* state and remain there until the reset signal is de-asserted.

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