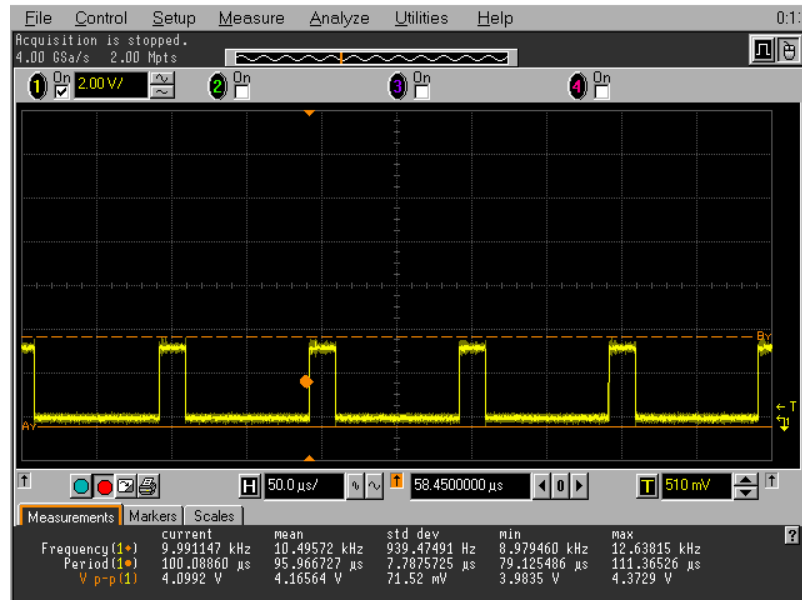
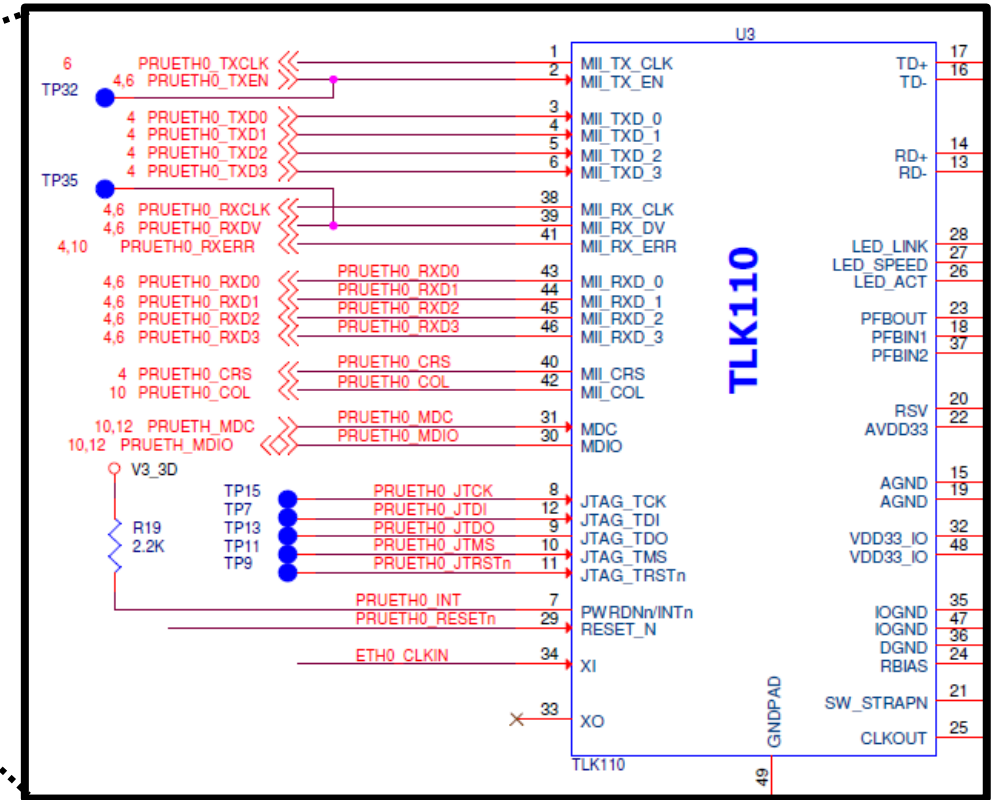
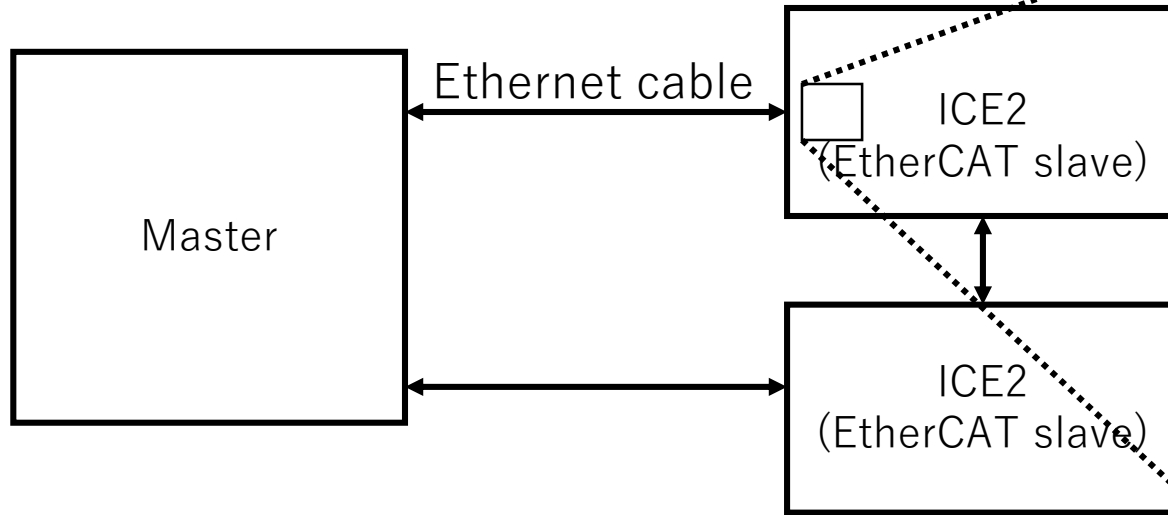
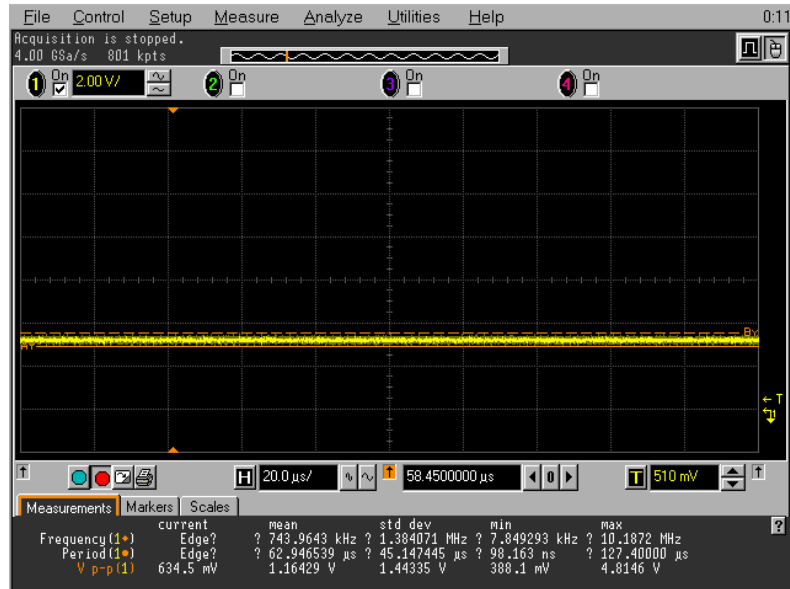
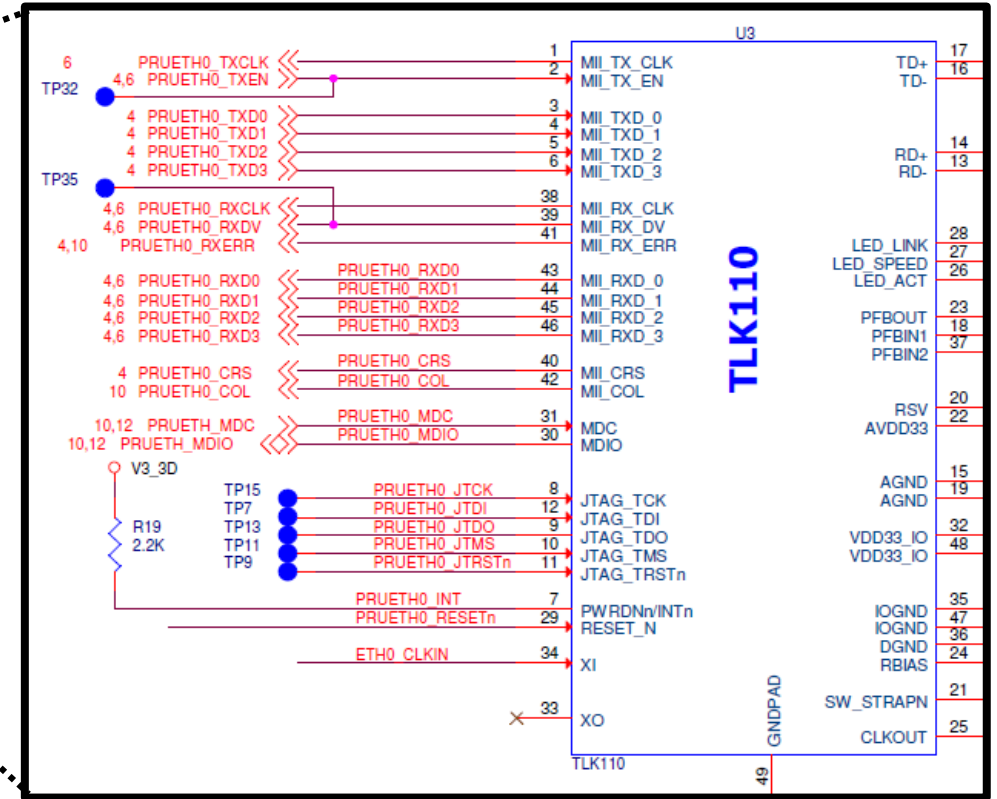
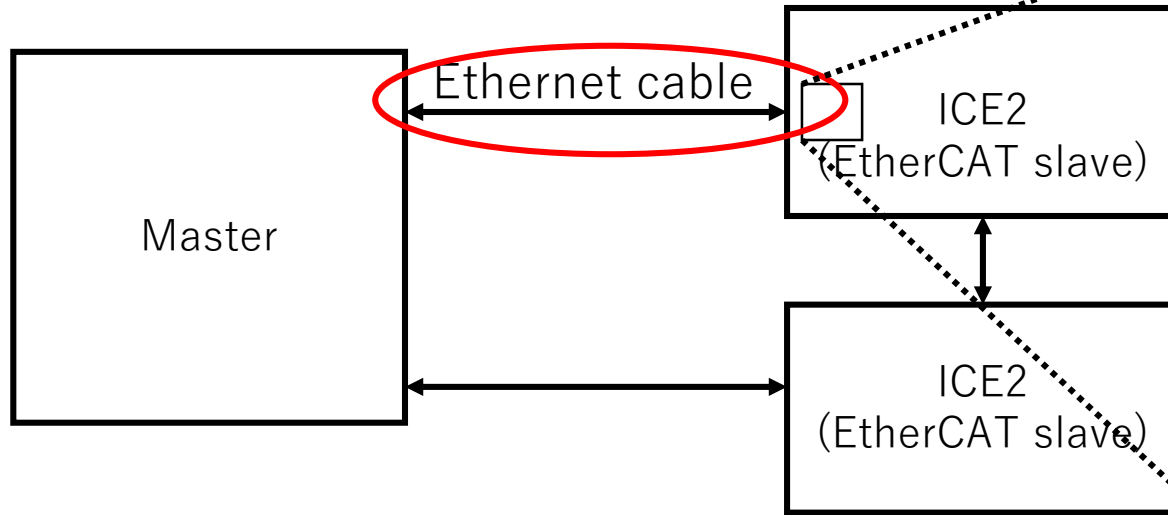


Constitution (normal operation)



My customer checks the wave of TP32 in the above figure. In normal operation, TX_EN signal is activated every 100us like left figure.

Issue



After the Ethernet cable (circled in red color) is disconnected during normal operation and link is down, TX_EN should be low. However, sometimes TX_EN keeps high despite the link down like left figure.

Is this a expected behavior?