



MICROCHIP

LAN8740 PHY DAUGHTER BOARD

Product Change Notice

This document describes a recommended change for the LAN8740 PHY Daughter Board, 04-10159, Rev. 1.0.

Description of Change

On PIC32 starter kits that utilize this PHY daughter board, the MCLR pin drives the nRST signal of the LAN8740. In some situations, the PHY may enter a latched state during programming/debugging when using either MPLAB® REAL ICE™ or the on-board

debugger. This state may occur as $\overline{\text{MCLR}}$ is driven by these debuggers with specific timing, which may differ from the specification in the LAN8740 Data Sheet.

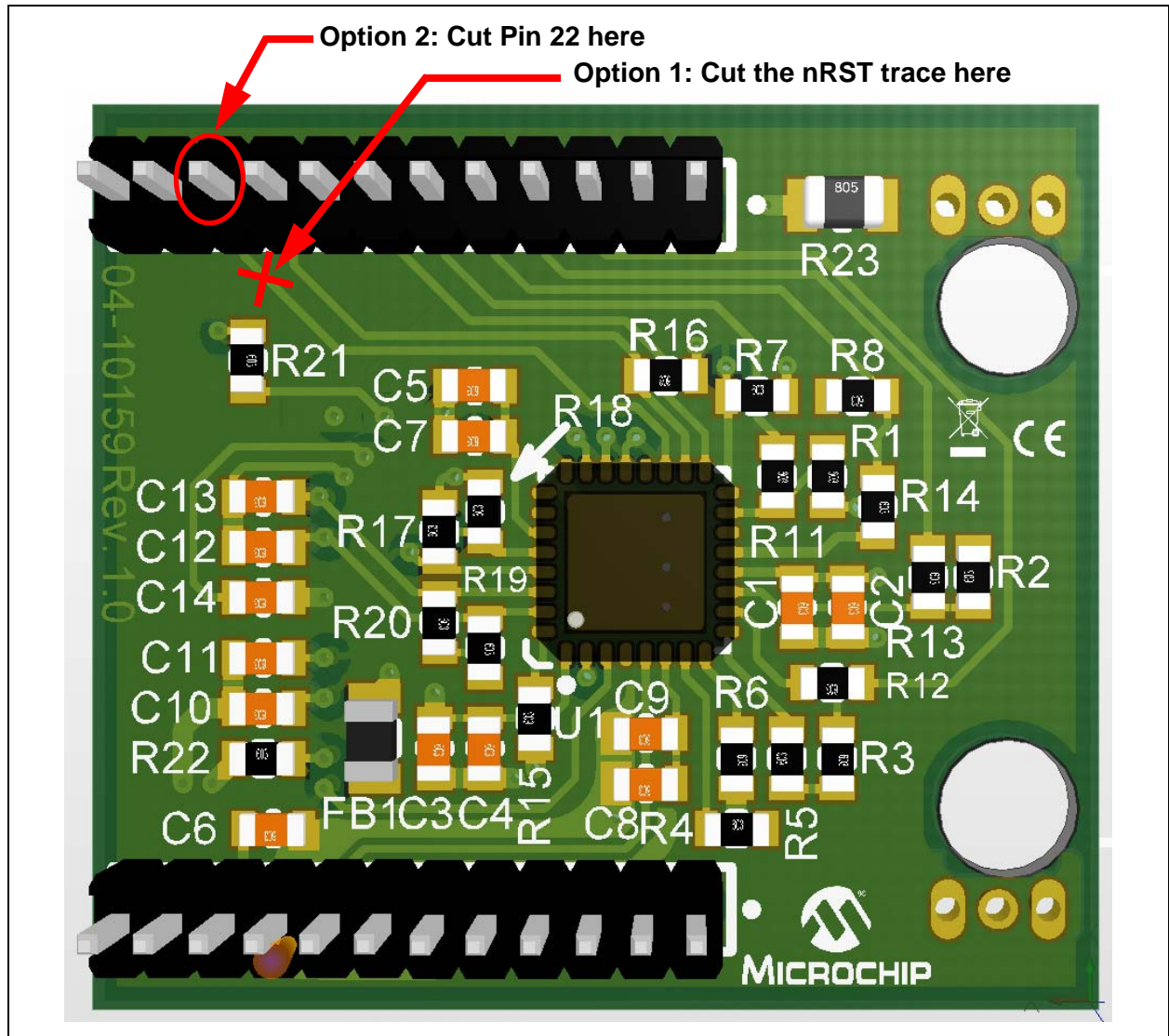
In the event the PHY communication fails, make one of the following changes, which are shown in [Figure 1](#).

Option 1: Cut the nRST trace.

OR

Option 2: Cut pin 22.

FIGURE 1: LAN8740 PHY DAUGHTER BOARD LAYOUT



LAN8740 PHY DAUGHTER BOARD

NOTES:

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