

MCF52235 Device Errata

by: Microcontroller Division

This document identifies implementation differences between the MCF52230, MCF52231, MCF52233, MCF52234, and MCF52235 processors and the description contained in the *MCF52235 ColdFire Reference Manual*. Refer to <http://www.freescale.com/coldfire> for the latest updates.

1 Description of Errata

1.1 Not Accepting Valid LTP When Greater Than 100 ns

If a link partner's LTP is greater than 100 ns, using auto-negotiation, then the EPHY does not recognize it. This results in a failure to auto-negotiate.

1.2 Workaround

Disable auto-negotiation and configure the EPHY or link partner to operate in 100TX or 10BaseT mode.

- Software implementation is available in the ColdFire_Lite stack on the internet. See the URL referenced above.

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