



PRODUCT BULLETIN

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ISSUE DATE: 18-Jul-2012
NOTIFICATION: 15245
TITLE: Errata: zero-bit insertion error in MCC non-supper channel HDLC mode
EFFECTIVE DATE: 19-Jul-2012

DEVICE(S)

MPN
MPC8250ACVRIHBC
MPC8250ACVVMHBC
MPC8250ACZQIHBC
MPC8250ACZUMHBC
MPC8250AVRIHBC
MPC8250AVVMHBC
MPC8250AVVPIBC
MPC8250AZQIHBC
MPC8250AZUMHBC
MPC8250AZUPIBC
MPC8255ACVVMHBB
MPC8255ACZUMHBB
MPC8255ACZUMIBB
MPC8255AVVMHBB
MPC8255AVVPIBB
MPC8255AZUMHBB
MPC8255AZUPIBB
MPC8260ACVVMHBB
MPC8260ACVVMIBB
MPC8260ACZUMHBB
MPC8260ACZUMIBB
MPC8260AVVMHBB
MPC8260AVVPIBB
MPC8260AVVPJDB
MPC8260AZUMHBB
MPC8260AZUPIBB
MPC8260AZUPJDB

MPC8264AVVPIBB
MPC8264AVVPJDB
MPC8264AZUPIBB
MPC8264AZUPJDB
MPC8265ACVVMHBC
MPC8265ACVVMIBC
MPC8265ACZUMHBC
MPC8265ACZUMIBC
MPC8265AVVPIBC
MPC8265AZUMHBC
MPC8265AZUPIBC
MPC8265AZUPJDC
MPC8266AZUPJDC
MPC8270CVRMIBA
MPC8270CVVQLDA
MPC8270CVVUPEA
MPC8270CZQMIBA
MPC8270CZUQLDA
MPC8270CZUUPEA
MPC8270VRMIBA
MPC8270VVQLDA
MPC8270VVUPEA
MPC8270ZQMIBA
MPC8270ZUQLDA
MPC8270ZUUPEA
MPC8275CVRMIBA
MPC8275CZQMIBA
MPC8275VRMIBA
MPC8275ZQMIBA
MPC8280CVVQLDA
MPC8280CVVUPEA
MPC8280CZUQLDA
MPC8280CZUUPEA
MPC8280VVQLDA
MPC8280VVUPEA
MPC8280ZUQLDA
MPC8280ZUUPEA
MPC8560CPX667JB
MPC8560CPX667JC
MPC8560CVT667JC
MPC8560CVT667JD

MPC8560PX667LC
MPC8560PX833LC
MPC8560PXAQFB
MPC8560PXAQFC
MPC8560VT667LB
MPC8560VT667LC
MPC8560VT833LB
MPC8560VT833LC
MPC8560VTAQFC

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AFFECTED CHANGE CATEGORIES

- DEVICE SPECIFICATION / ERRATA

DESCRIPTION OF CHANGE

When using MCC controller in non-superchannel HDLC mode, the zero-bit insertion may not occur depending on the data patterns that requires zero-bit insertion right after last data bit before the closing flag.

Errata workaround:

Use the microcode patch available from Freescale or utilize the upper layer protocol to re-transmit the data.

Errata number: A-005319

REASON FOR CHANGE

The transmitted data is violating the HDLC zero insertion definition, resulting in error in the receiving end.

ANTICIPATED IMPACT OF PRODUCT CHANGE(FORM, FIT, FUNCTION, OR RELIABILITY)

No impact to form, fit, function or reliability.

NOTE:

THE CHANGE(S) SPECIFIED IN THIS NOTIFICATION WILL BE IMPLEMENTED ON THE

EFFECTIVE DATE LISTED ABOVE. To request further data or inquire about the notification, please enter a [Service Request](#)

For sample inquiries - please go to www.freescale.com

QUAL DATA AVAILABILITY DATE: 26-Jun-2012

QUALIFICATION STATUS: N/A

QUALIFICATION PLAN:

N/A

RELIABILITY DATA SUMMARY:

N/A

ELECTRICAL CHARACTERISTIC SUMMARY:

N/A

CHANGED PART IDENTIFICATION:

N/A

ATTACHMENT(S):

N/A
