



190701565 EFM8BB2, BB3, LB1, UB1, UB3 Errata Update for LIN Mode

Bulletin Issue Date: 7/1/2019

Effective Date: 7/1/2019

Description of Change

Silicon Labs is pleased to announce the release of the following updated Erratas

EFM8BB3 Version 0.9
EFM8BB2 Version 0.7
EFM8LB1 Version 1.1
EFM8UB1 Version 0.7
EFM8 UB3 Version 0.2

These updated Erratas contain a new active errata item, "UART1_E101 – Some Data Patterns Cause Inadvertent LIN Break Detection"

Details:

If UART1 is used in LIN mode (LINMDE = 1 in UART1LIN), certain data patterns consisting of a byte whose MSBs resemble a start bit (e.g. 0b101xxxxx when accounting for LSB first transmission) followed by 0x0 are improperly detected as a LIN break sequence.

Reason for Change

Further device characterization

Product Identification

EFM8BB20F16G-C-QFN20
EFM8BB20F16G-C-QFN20R
EFM8BB20F16I-C-QFN20
EFM8BB20F16I-C-QFN20R
EFM8BB21F16A-C-QFN20
EFM8BB21F16A-C-QFN20R
EFM8BB21F16G-C-QFN20
EFM8BB21F16G-C-QFN20R
EFM8BB21F16G-C-QSOP24
EFM8BB21F16G-C-QSOP24R
EFM8BB21F16I-C-QFN20
EFM8BB21F16I-C-QFN20R
EFM8BB21F16I-C-QSOP24
EFM8BB21F16I-C-QSOP24R
EFM8BB21P1126F16GM-C
EFM8BB21P1126F16GM-CR
EFM8BB21P1134F16GM-C
EFM8BB21P1134F16GM-CR
EFM8BB21P1157F16GM-C
EFM8BB21P1157F16GM-CR
EFM8BB22C1003F16G-C
EFM8BB22C1003F16G-CR
EFM8BB22C1130F16GM1-C-QFN28
EFM8BB22C1130F16GM1-C-QFN28R
EFM8BB22F16A-C-QFN28
EFM8BB22F16A-C-QFN28R
EFM8BB22F16G-C-QFN28
EFM8BB22F16G-C-QFN28R
EFM8BB22F16I-C-QFN28

EFM8BB22F16I-C-QFN28R
EFM8BB31F16A-B-4QFN24
EFM8BB31F16A-B-4QFN24R
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EFM8BB31F16A-B-5QFN32
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EFM8BB31F16A-C-5QFN32
EFM8BB31F16A-C-5QFN32R
EFM8BB31F16G-B-QFN24
EFM8BB31F16G-B-QFN24R
EFM8BB31F16G-C-QFN24
EFM8BB31F16G-C-QFN24R
EFM8BB31F16G-B-QFN32
EFM8BB31F16G-B-QFN32R
EFM8BB31F16G-C-QFN32
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EFM8BB31F16G-B-QFP32
EFM8BB31F16G-B-QFP32R
EFM8BB31F16G-C-QFP32
EFM8BB31F16G-C-QFP32R
EFM8BB31F16G-B-QSOP24
EFM8BB31F16G-B-QSOP24R
EFM8BB31F16G-C-QSOP24
EFM8BB31F16G-C-QSOP24R
EFM8BB31F16I-B-4QFN24
EFM8BB31F16I-B-4QFN24R
EFM8BB31F16I-C-4QFN24
EFM8BB31F16I-C-4QFN24R
EFM8BB31F16I-B-QFN24
EFM8BB31F16I-B-QFN24R
EFM8BB31F16I-C-QFN24
EFM8BB31F16I-C-QFN24R
EFM8BB31F16I-B-5QFN32
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EFM8BB31F16I-C-5QFN32
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EFM8BB31F16I-C-QFN32
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EFM8BB31F16I-B-QFP32R
EFM8BB31F16I-C-QFP32
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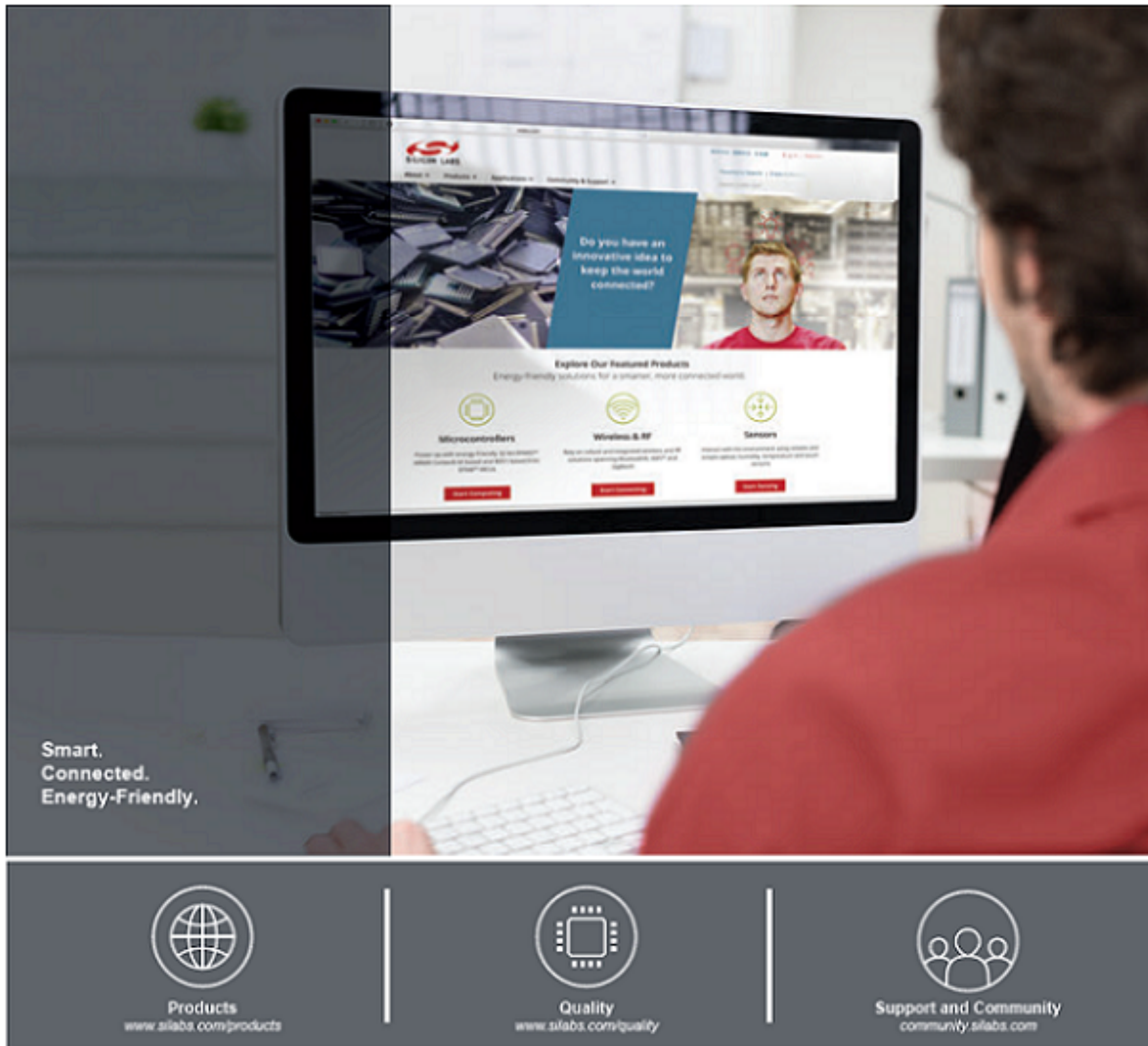
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