



180625313 EFR32MG1, EFR32BG1 & EFR32FG1 Data Sheet Revision 1.3 and Errata Update

Bulletin Issue Date: 6/25/2018

Effective Date: 6/25/2018

Description of Change

Silicon Labs is pleased to announce Data Sheet Revision 1.3 for EFR32MG1 Mighty Gecko Multi-Protocol, EFR32BG1 Blue Gecko Bluetooth® Low Energy and EFR32FG1 Flex Gecko Proprietary Wireless SoC families.

Notable changes from previous revisions are:

- Table 4.6 Current Consumption 3.3 V using DC-DC Converter on page 27:
Typical values for IEM2 updated to 2.5 and 2.2 uA per errata CUR_E201.
Typical value for IEM3 updated to 2.1 uA per errata CUR_E201.
- Table 4.15 RF Receiver Characteristics for Bluetooth Low Energy in the 2.4GHz Band, 1 Mbps Data Rate on page 38:
Typical value for SENS updated to -92.5 dBm per errata RADIO_E206.
- Table 4.17 RF Receiver Characteristics for 802.15.4 DSSS-OQPSK in the 2.4 GHz Band on page 42:
Typical values for SENS updated to -99 dBm per errata RADIO_E208.

The Errata is updated to Revision 1.7. The resolution for almost all the Errata has been updated. These Errata are fixed in the recently released EFR32MG14, EFR32BG14 and EFR32FG14 Wireless SoC families.

Reason for Change

EFR32MG14, EFR32BG14 and EFR32FG14 Wireless SoC, which fix almost all the Errata in EFR32MG1, EFR32BG1 and EFR32FG1 are in Initial Production and are publicly available.

Product Identification

EFR32BG1B132F128GM32-C0
EFR32BG1B132F128GM32-C0R
EFR32BG1B132F128GM48-C0
EFR32BG1B132F128GM48-C0R
EFR32BG1B132F256GM32-C0
EFR32BG1B132F256GM32-C0R
EFR32BG1B132F256GM48-C0
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EFR32FG1V131F256GM48-C0R

This change is considered a minor change which does not affect form, fit, function, quality, or reliability. The information is being provided as a customer courtesy.

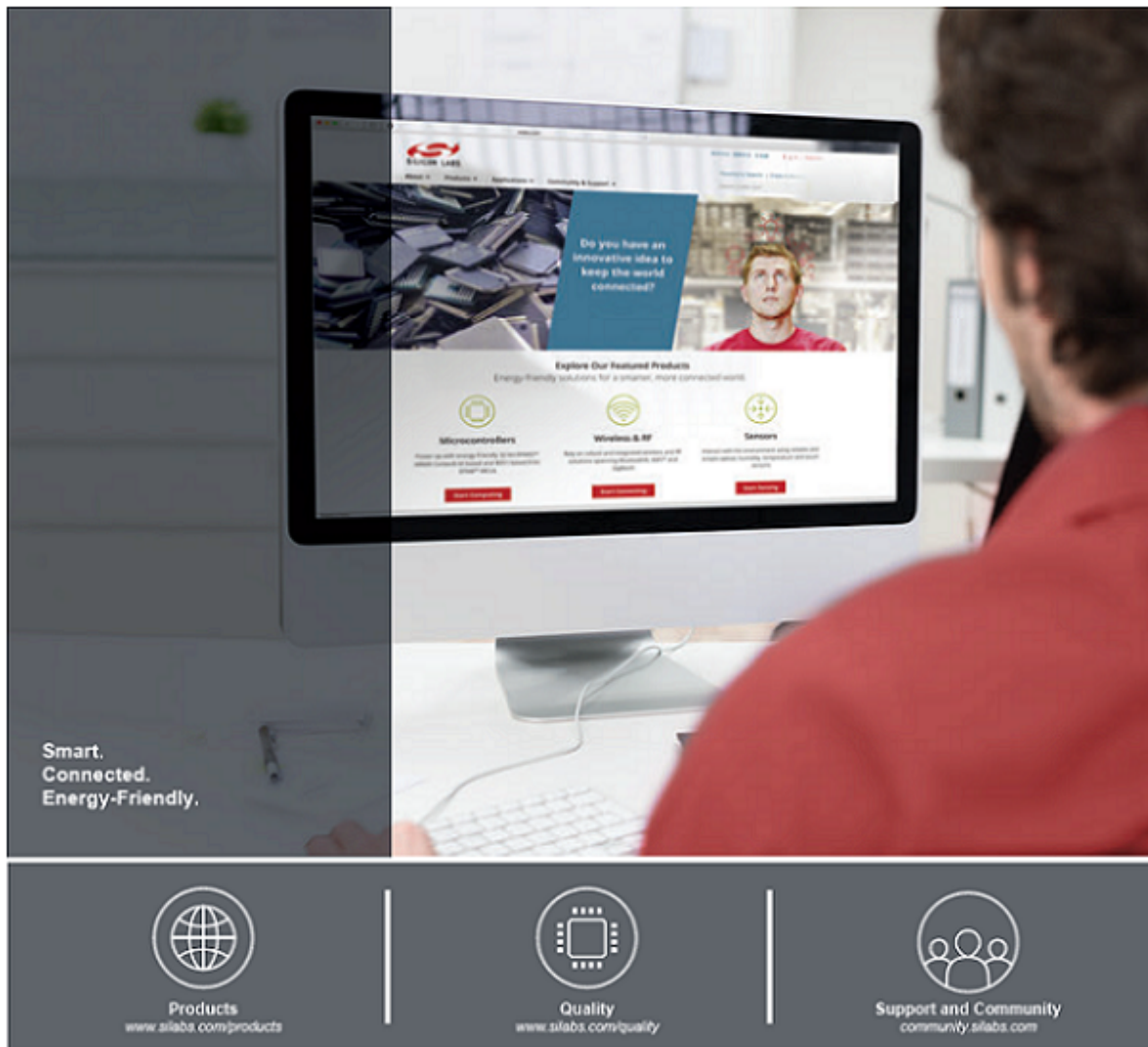
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Customer Actions Needed:

Evaluate upgrading EFR32MG1, EFR32BG1 and EFR32FG1 based products to EFR32MG14, EFR32BG14 and EFR32FG14 devices.

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