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EFR32BG12/FG12/MG12 Datasheet Release

v1.6

Bulletin Issue Date: 2/2/2021

Effective Date: 2/2/2021

Description of Change

Silicon Labs is pleased to announce the release of the following datasheet versions:

- EFR32BG12 Datasheet Release v1.6
- EFR32FG12 Datasheet Release v1.6
- EFR32MG12 Datasheet Release v1.6

Reason for Change

Changes in EFR32BG12 Datasheet Revision 1.6

- Updated External PA supply connection conditions for SPURHARM_ETSI and SPUROOB_ETSI in section 4.1.10.3 Sub-GHz RF Transmitter characteristics for 868 MHz Band.

Changes in EFR32FG12 Datasheet Revision 1.6

- Updated External PA supply connection conditions for SPURHARM_ETSI and SPUROOB_ETSI in section 4.1.10.3 Sub-GHz RF Transmitter characteristics for 868 MHz Band.

Changes in EFR32MG12 Datasheet Revision 1.6

- Updated External PA supply connection conditions for SPURHARM_ETSI and SPUROOB_ETSI in section 4.1.10.3 Sub-GHz RF Transmitter characteristics for 868 MHz Band.
- Removed EFR32MG12P231F1024GM48-C and EFR32MG12P431F1024GM48-C from Table 2.1 Ordering Information on page 3.
- Removed section 6.8 QFN48 Sub-GHz Device Pinout.

Product Identification

Existing Part #
EFR32BG12P132F1024GL125-C
EFR32BG12P132F1024GL125-CR
EFR32BG12P132F1024GM48-C
EFR32BG12P132F1024GM48-CR
EFR32BG12P232F512GM68-C
EFR32BG12P232F512GM68-CR
EFR32BG12P232F512IM68-C
EFR32BG12P232F512IM68-CR
EFR32BG12P232F1024GL125-C
EFR32BG12P232F1024GL125-CR
EFR32BG12P232F1024GM48-C
EFR32BG12P232F1024GM48-CR
EFR32BG12P232F1024GM68-C
EFR32BG12P232F1024GM68-CR
EFR32BG12P232F1024IM68-C
EFR32BG12P232F1024IM68-CR
EFR32BG12P332F1024GL125-C
EFR32BG12P332F1024GL125-CR
EFR32BG12P332F1024GM48-C
EFR32BG12P332F1024GM48-CR
EFR32BG12P332F1024IM48-C
EFR32BG12P332F1024IM48-CR
EFR32BG12P432F1024GL125-C

EFR32BG12P432F1024GL125-CR
EFR32BG12P432F1024GM48-C
EFR32BG12P432F1024GM48-CR
EFR32BG12P433F1024GL125-C
EFR32BG12P433F1024GL125-CR
EFR32BG12P433F1024GM48-C
EFR32BG12P433F1024GM48-CR
EFR32BG12P433F1024GM68-C
EFR32BG12P433F1024GM68-CR
EFR32BG12P433F1024IM68-C
EFR32BG12P433F1024IM68-CR
EFR32BG12P433X*GM68-C
EFR32BG12P433X*GM68-CR
EFR32FG12P231F512GM68-C
EFR32FG12P231F512GM68-CR
EFR32FG12P231F1024GL125-C
EFR32FG12P231F1024GL125-CR
EFR32FG12P231F1024GM48-C
EFR32FG12P231F1024GM48-CR
EFR32FG12P231F1024GM68-C
EFR32FG12P231F1024GM68-CR
EFR32FG12P232F1024GL125-C
EFR32FG12P232F1024GL125-CR
EFR32FG12P232F1024GM48-C
EFR32FG12P232F1024GM48-CR
EFR32FG12P431F512GM68-C
EFR32FG12P431F512GM68-CR
EFR32FG12P431F1024GL125-C
EFR32FG12P431F1024GL125-CR
EFR32FG12P431F1024GM48-C
EFR32FG12P431F1024GM48-CR
EFR32FG12P431F1024GM68-C
EFR32FG12P431F1024GM68-CR
EFR32FG12P431F1024IM48-C
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EFR32FG12P433F1024GM68-CR
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EFR32MG12P132F1024GL125-C
EFR32MG12P132F1024GL125-CR
EFR32MG12P132F1024GM48-C
EFR32MG12P132F1024GM48-CR
EFR32MG12P231F1024GM68-C
EFR32MG12P231F1024GM68-CR
EFR32MG12P232F512GM68-C
EFR32MG12P232F512GM68-CR
EFR32MG12P232F1024GL125-C
EFR32MG12P232F1024GL125-CR
EFR32MG12P232F1024GM48-C
EFR32MG12P232F1024GM48-CR
EFR32MG12P232F1024GM68-C
EFR32MG12P232F1024GM68-CR
EFR32MG12P232P*GM48-C
EFR32MG12P232P*GM48-CR
EFR32MG12P332F1024GL125-C
EFR32MG12P332F1024GL125-CR
EFR32MG12P332F1024GM48-C
EFR32MG12P332F1024GM48-CR

EFR32MG12P332F1024IM48-C
EFR32MG12P332F1024IM48-CR
EFR32MG12P431F1024GM68-C
EFR32MG12P431F1024GM68-CR
EFR32MG12P432F1024GL125-C
EFR32MG12P432F1024GL125-CR
EFR32MG12P432F1024GM48-C
EFR32MG12P432F1024GM48-CR
EFR32MG12P432F1024GM68-C
EFR32MG12P432F1024GM68-CR
EFR32MG12P432F1024IM48-C
EFR32MG12P432F1024IM48-CR
EFR32MG12P432X*IM48-C
EFR32MG12P432X*IM48-CR
EFR32MG12P433F1024GL125-C
EFR32MG12P433F1024GL125-CR
EFR32MG12P433F1024GM48-C
EFR32MG12P433F1024GM48-CR
EFR32MG12P433F1024GM68-C
EFR32MG12P433F1024GM68-CR
EFR32MG12P433F1024IL125-C
EFR32MG12P433F1024IL125-CR
EFR32MG12P433F1024IM48-C
EFR32MG12P433F1024IM48-CR
EFR32MG12P433X*GM68-C
EFR32MG12P433X*GM68-CR

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.

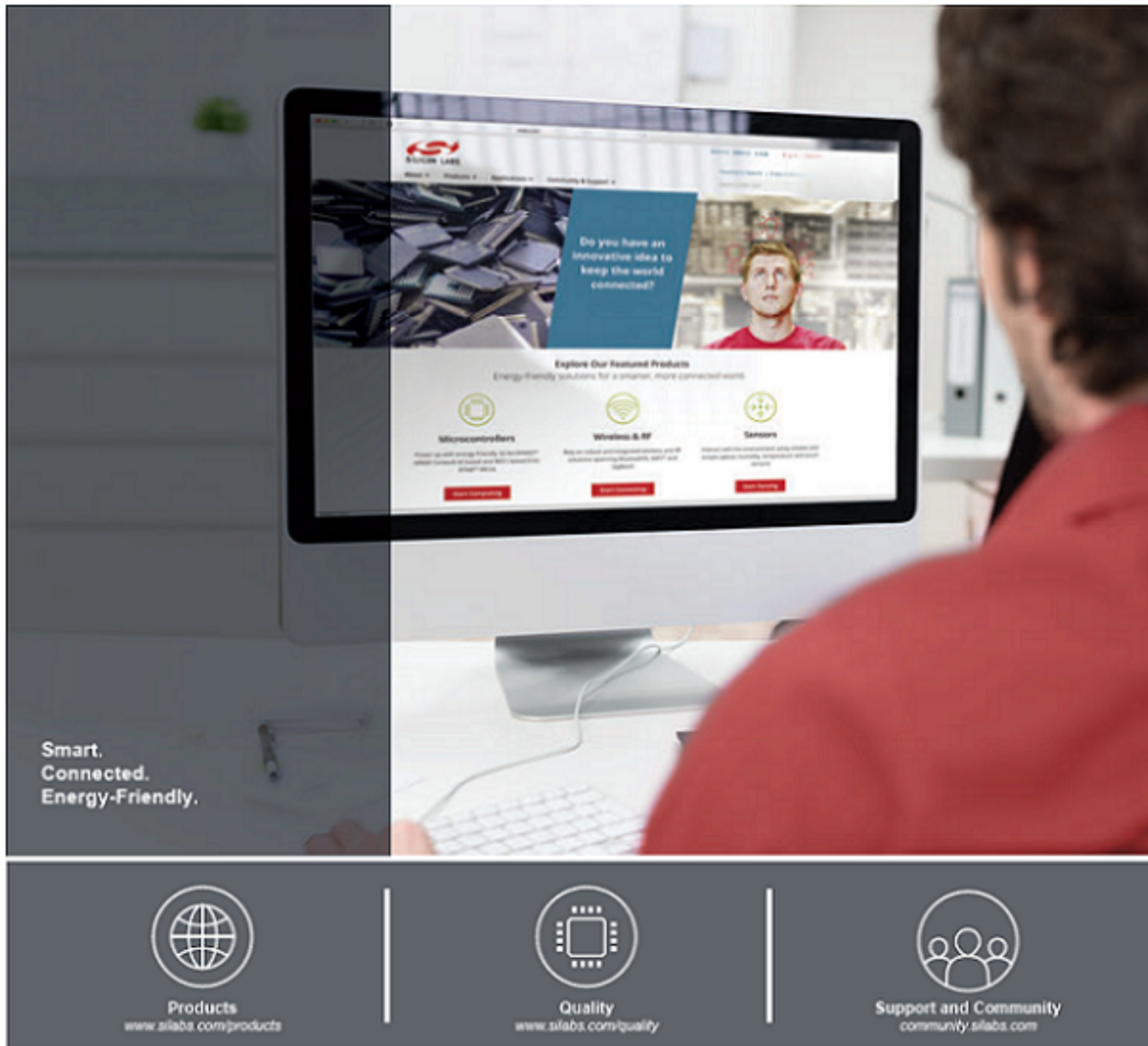
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Customer Actions Needed:

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