



190802582 EFR32MG12/FG12 Datasheet Revision 1.4 & BG12 Datasheet Revision 1.41

Bulletin Issue Date: 8/2/2019

Effective Date: 8/2/2019

Description of Change

Silicon Labs is pleased to announce Data Sheet Revision 1.4 for EFR32MG12 Mighty Gecko Multi-Protocol and EFR32FG13 Flex Gecko Proprietary Wireless and Data Sheet Revision 1.41 for EFR32BG12 Blue Gecko Bluetooth® Low Energy SoC families.

Notable changes from previous revisions are:

- In Electrical Specifications, reordered and added several footnotes
- In General Operating Conditions, added conditions for all usable wait state settings and corrected maximum specification
- In RF Transmitter Characteristics for 802.15.4 DSSS-OQPSK in the 2.4GHz Band, updated parameter for EVM
- In Sub-GHz RF Transmitter & Receiver characteristics for 915 MHz Band, corrected test conditions and updated typical specification
- In several peripherals and block specifications, updated test conditions
- In Pin Definitions, updated pin descriptions for DECOUPLE and RESETn.
- Updated feature code in package marking

Reason for Change

Updated Data Sheet. There is no change to form, fit, function, quality and reliability.

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
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EFR32MG12P432F1024IM48-C
EFR32MG12P432F1024IM48-CR
EFR32MG12P431F1024GM68-C
EFR32MG12P431F1024GM68-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.

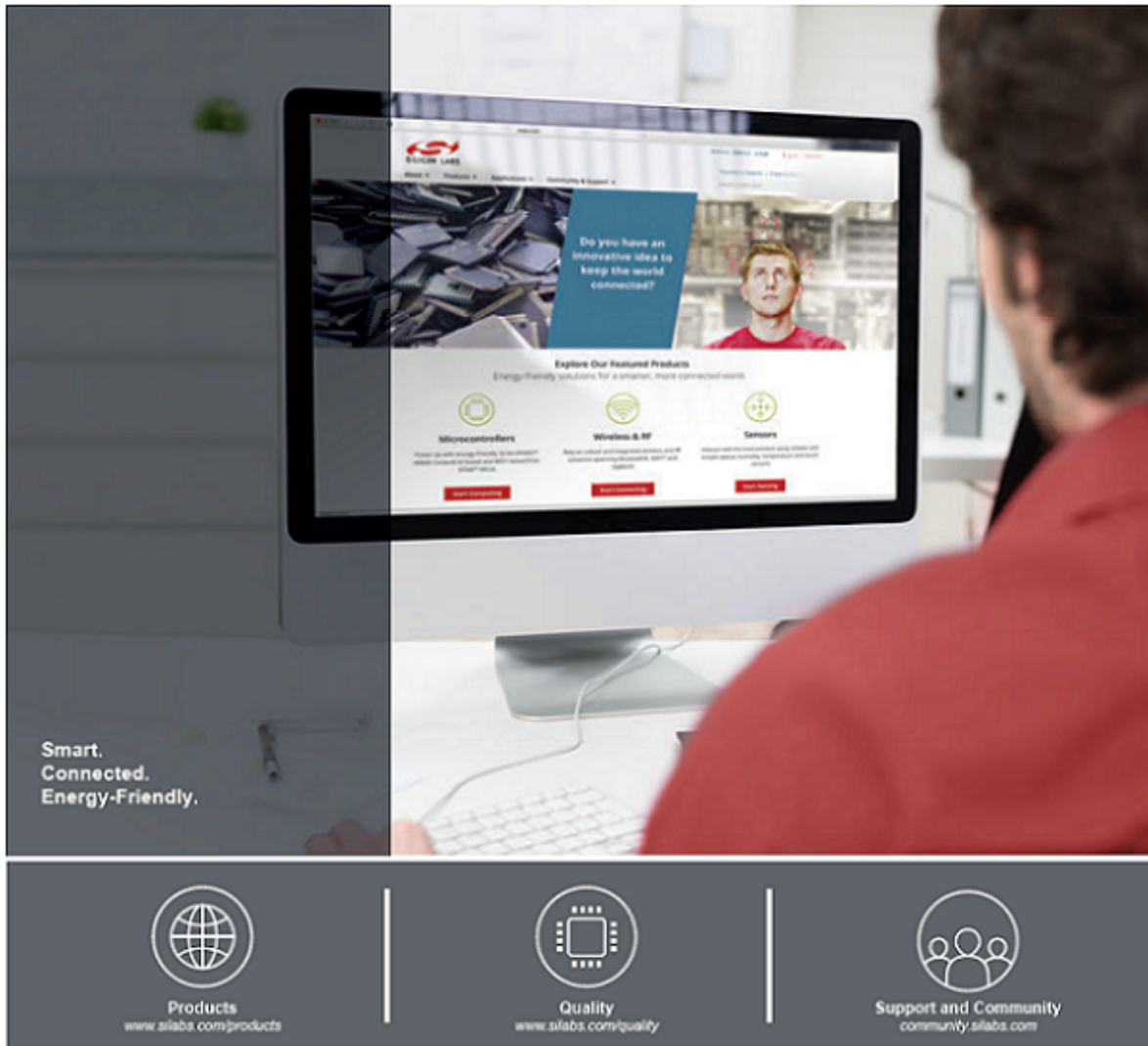
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