



201027905 EFM32GG12 Datasheet Release v1.0

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Effective Date: 10/27/2020

Description of Change

Silicon Labs is pleased to announce the release of datasheet version 1.0 for the EFM32GG12 devices. This updated datasheet contains the final numbers from characterization of the devices. Please see the updated datasheet for details.

Reason for Change

Revision 1.0

- 4.1 Electrical Characteristics updated with final production test limits.
- RESETn pin pullup connection to AVDD clarified in pinout tables.
- Table 5.20 GPIO Functionality Table on page 166 formatting updated for translation.

Product Identification

Existing Part #
EFM32GG12B110F1024GM64-A
EFM32GG12B110F1024GM64-AR
EFM32GG12B110F1024GQ64-A
EFM32GG12B110F1024GQ64-AR
EFM32GG12B110F1024IM64-A
EFM32GG12B110F1024IM64-AR
EFM32GG12B110F1024IQ64-A
EFM32GG12B110F1024IQ64-AR
EFM32GG12B130F512GM64-A
EFM32GG12B130F512GM64-AR
EFM32GG12B130F512GQ64-A
EFM32GG12B130F512GQ64-AR
EFM32GG12B130F512IM64-A
EFM32GG12B130F512IM64-AR
EFM32GG12B130F512IQ64-A
EFM32GG12B130F512IQ64-AR
EFM32GG12B310F1024GL112-A
EFM32GG12B310F1024GL112-AR
EFM32GG12B310F1024GQ100-A
EFM32GG12B310F1024GQ100-AR
EFM32GG12B330F512GL112-A
EFM32GG12B330F512GL112-AR
EFM32GG12B330F512GQ100-A
EFM32GG12B330F512GQ100-AR
EFM32GG12B*F512GL112-A
EFM32GG12B*F512GL112-AR
EFM32GG12B*F1024GL112-A
EFM32GG12B*F1024GL112-AR
EFM32GG12B410F1024GL112-A
EFM32GG12B410F1024GL112-AR
EFM32GG12B410F1024GL120-A
EFM32GG12B410F1024GL120-AR
EFM32GG12B410F1024GM64-A
EFM32GG12B410F1024GM64-AR
EFM32GG12B410F1024GQ64-A
EFM32GG12B410F1024GQ64-AR
EFM32GG12B410F1024GQ100-A

EFM32GG12B410F1024GQ100-AR
EFM32GG12B410F1024IL112-A
EFM32GG12B410F1024IL112-AR
EFM32GG12B410F1024IL120-A
EFM32GG12B410F1024IL120-AR
EFM32GG12B410F1024IM64-A
EFM32GG12B410F1024IM64-AR
EFM32GG12B410F1024IQ64-A
EFM32GG12B410F1024IQ64-AR
EFM32GG12B410F1024IQ100-A
EFM32GG12B410F1024IQ100-AR
EFM32GG12B430F512GL112-A
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EFM32GG12B430F512GL120-AR
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EFM32GG12B430F512GM64-AR
EFM32GG12B430F512GQ64-A
EFM32GG12B430F512GQ64-AR
EFM32GG12B430F512GQ100-A
EFM32GG12B430F512GQ100-AR
EFM32GG12B430F512IL112-A
EFM32GG12B430F512IL112-AR
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EFM32GG12B430F512IL120-AR
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EFM32GG12B430F512IM64-AR
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EFM32GG12B430F512IQ100-A
EFM32GG12B430F512IQ100-AR
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EFM32GG12B510F1024GQ100-AR
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EFM32GG12B810F1024GM64-AR
EFM32GG12B810F1024GQ64-A
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EFM32GG12B810F1024GQ100-A
EFM32GG12B810F1024GQ100-AR
EFM32GG12B810F1024IL112-A
EFM32GG12B810F1024IL112-AR
EFM32GG12B810F1024IL120-A
EFM32GG12B810F1024IL120-AR
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EFM32GG12B810F1024IQ64-A
EFM32GG12B810F1024IQ64-AR
EFM32GG12B810F1024IQ100-A
EFM32GG12B810F1024IQ100-AR
EFM32GG12B830F512GL112-A
EFM32GG12B830F512GL112-AR
EFM32GG12B830F512GL120-A
EFM32GG12B830F512GL120-AR
EFM32GG12B830F512GM64-A
EFM32GG12B830F512GM64-AR
EFM32GG12B830F512GQ64-A
EFM32GG12B830F512GQ64-AR
EFM32GG12B830F512GQ100-A
EFM32GG12B830F512GQ100-AR
EFM32GG12B830F512IL112-A
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EFM32GG12B830F512IM64-AR
EFM32GG12B830F512IQ64-A
EFM32GG12B830F512IQ64-AR
EFM32GG12B830F512IQ100-A
EFM32GG12B830F512IQ100-AR

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