



201208951 ZGM130S Datasheet Release v1.2

Bulletin Issue Date: 12/8/2020

Effective Date: 12/8/2020

Description of Change

Silicon Labs is pleased to announce the release of datasheet version 1.2 for the ZGM130S modules.

SOFTWARE IMPACT DESCRIPTION:

GSDK version 3.1 will support the changes mentioned in the Change Reason section, including the support for the new Z-Wave Long Range. Please refer to the GSDK version 3.1 release notes for details.

Reason for Change

Revision 1.2

- Updated maximum TX power to 14 dBm.
- In Section 4.1.4.2 "Current Consumption Using Radio 3.3 V with DC-DC" updated current consumptions for 912 MHz O-QPSK
- In Section 4.1.8.1 "Sub-GHz RF Transmitter characteristics for 915 MHz Band"
 - Corrected FCC reference for non-restricted bands in :
 - SPURHARM_FCC_14
 - SPUROOB_FCC_14
 - Corrected FCC reference for PSD
- Added Section 4.1.8.2 "Sub-GHz RF Transmitter characteristics for 915 MHz Band, +14 dBm" and other 912 MHz radio specs
- In Section 4.1.8.3 "Sub-GHz RF Receiver Characteristics for 915 MHz Band", added sensitivity, image rejection, and blocking sensitivity for 912 MHz OQPSK PHY
- In Section 7 "LGA64 Package Specifications" added reference to AN1223
- In Section 7.3 "LGA64 Package Marking" added package marking figure
- Added Section 8 "Certifications"

Product Identification

Existing Part #
ZGM130S037HGN2
ZGM130S037HGN2R

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.

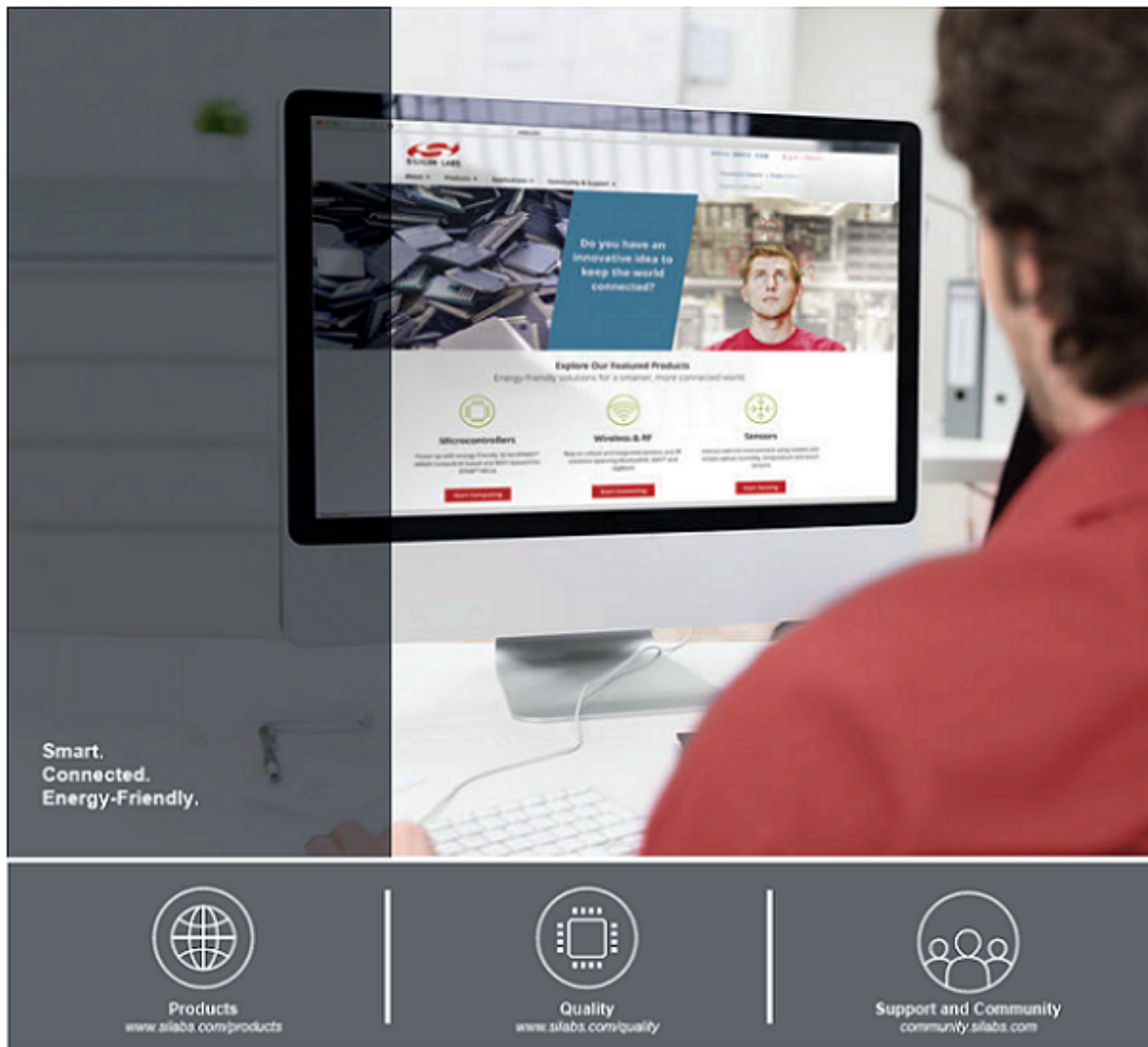
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Customer Actions Needed:

None.

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