190222479 Bluetooth Xpress BGX13 Security Update and Firmware Announcement

Bulletin Issue Date: 2/22/2019   **Effective Date:** 2/22/2019

Description of Change

Silicon Labs announces a production firmware change to Bluetooth Xpress products and a change in the process for updating firmware.

BGX13P22GA-V21 manufactured before date code 1841 (YYWW) were programmed with version 1.0.880, and BGX13P22GA-V21 devices manufactured on and after date code 1841 were programmed with version 1.0.927 of firmware. Release notes for 1.0.880 and 1.0.927 can be found at https://docs.silabs.com/gecko-os/1/bgx/latest/release-notes.

Note that a security update will be incorporated into BGX13S22GA-V21 and BGX13P22GA-V21 firmware programming for devices manufactured starting on workweek 1909. This update will also be available as an over-the-air OTA update and device firmware update (DFU).

For devices manufactured from date code 1841 going forward, no firmware changes will be made to currently existing Bluetooth Xpress device OPNs other than security updates; however, firmware updates will continue to be offered via over-the-air OTA update and device firmware update (DFU).

Silicon Labs is pleased to announce the availability of Bluetooth Xpress BGX13S22GA-V21 and BGX13P22GA-V21 application firmware version 1.1.1229.0, available for OTA and DFU download. In addition to the security update mentioned above, new application firmware features include:
• LE coded PHY support
• Additional pair and bond control features
• Command to read RSSI during an active connection.

See release notes for more information.

BGX13S and BGX13P devices can be updated at customer factory or in the field using device firmware update (DFU) and over the air (OTA) update functionality. For more information about DFU and OTA updates, please see https://docs.silabs.com/gecko-os/1/bgx/latest/firmware-update.

Reason for Change

Security update to firmware programmed during production test and additional features available through OTA and DFU.

Product Identification

```
Existing Part #
BGX13P22GA-V21
BGX13S22GA-V21
BGX13P22GA-V21R
BGX13S22GA-V21R
```

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.
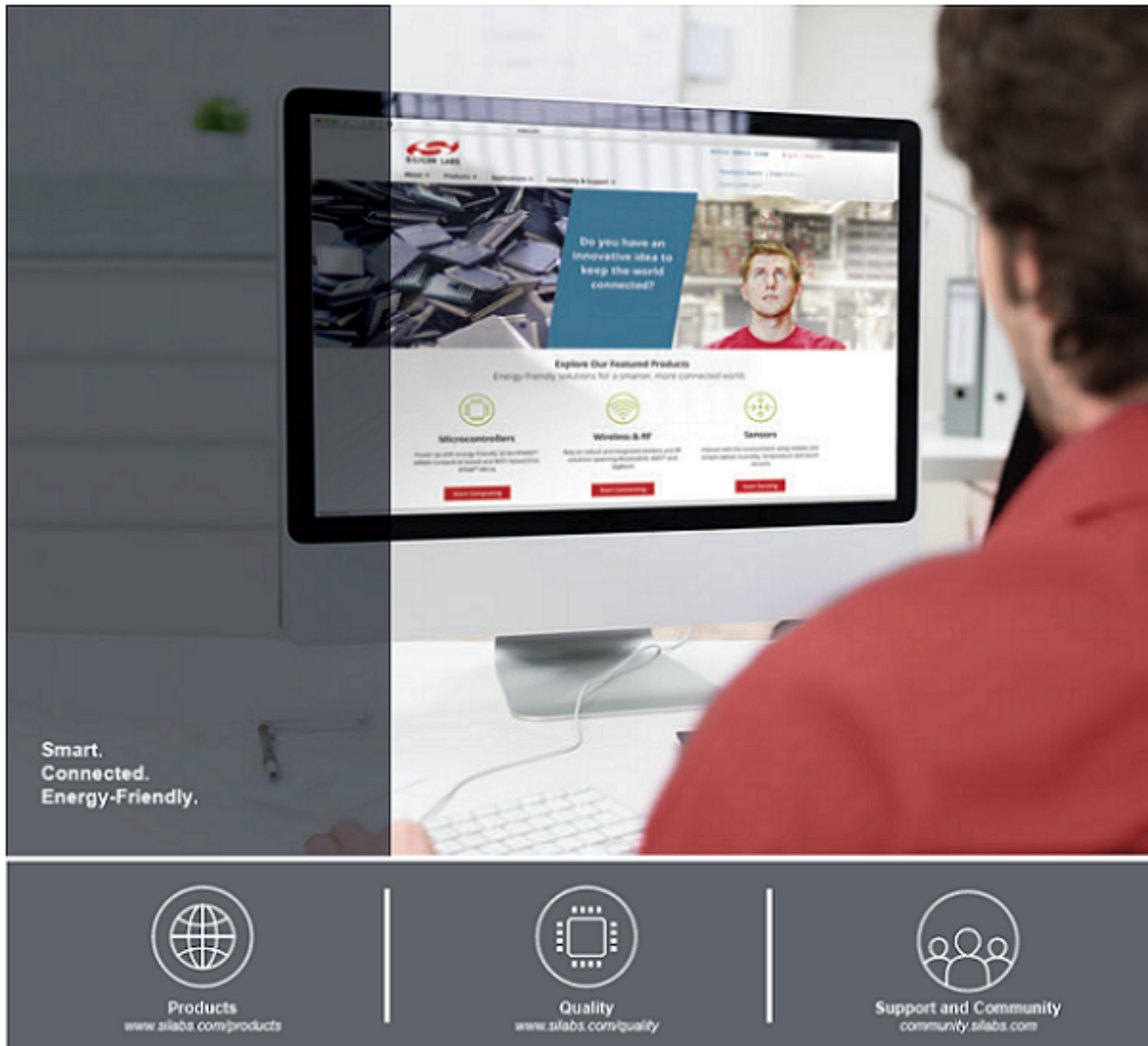
Please contact your local Silicon Labs sales representative with any questions about this notification. A list of Silicon Labs sales representatives may be found at **http://www.silabs.com**.

Customer Actions Needed:

Review firmware update process at page linked in Change Description section.

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