



2112141153 Replacement components for xGM111A, BLE112-A, BLE113-A & WT32i-A Modules

PCN Issue Date: Dec 14, 2021

Effective Date: Mar 18, 2022

PCN Type: Assembly

Description of Change

Silicon Labs is pleased to announce the successful qualification of replacement inductors for xGM111A, BLE112-A, BLE113-A and WT32i-A modules. Due to Sunlord End of Life (EOL) of existing inductors, Sunlord inductors were chosen as the replacement. There will be changes to some of the inductors value in order to best match the RF performance with the existing modules.

Silicon Labs is also pleased to announce the successful qualification of additional crystal supplier (Hosonic) for BLE113-A modules.

As of the effective date of this notification, Silicon Labs will fulfill orders using both existing and new components until the existing components are depleted.

Reason for Change

Due to End of Life (EOL) of existing inductor part and new crystal supplier qualification to mitigate supply constraint.

Impact on Form, Fit, Function, Quality, Reliability

No impact to Form, Fit, Function, Quality and Reliability

Product Identification

Existing Part #
BGM111A256V2
BGM111A256V2R
BGM111A256V21
BGM111A256V21R
BGM111A2-V2-P****
BGM111A2-V2-P****R
BGM111A256V2P****
MGM111A256V2
MGM111A256V2R
BLE112-A-V1
BLE112-A-V1C
BLE113-A-M256K
BLE113-A-M256KC
BLE113-A-SWC
BLE113-A-SWCC
BLE113-A-V1
BLE113-A-V1C
BLE113-A-M256-***
BLE113-A-M256K-*****
BLE113-A-M256K-***
BLE113-A-M256K-***_1
BLE113-A-M256K-***R
BLE113-A-M256KC-***_1

BLE113-A-V1-***
BLE113A-M256K-***.1
BLE113A-M256K-***.1C
BLE113A-M256K-P****
BLE113A-M256K-P****R
BLE113A-M256K-P****C
BLE113A-V1-P****
WT32I-A-AI6
WT32I-A-AI6-APTX
WT32I-A-AI6-APTXC
WT32I-A-AI6C
WT32I-A-AI6IAP
WT32I-A-AI6IAPC
WT32I-A-AI61
WT32I-A-AI61-APTX
WT32I-A-AI61-APTXC
WT32I-A-AI61C
WT32I-A-AI61IAP
WT32I-A-AI61IAPC
WT32I-A-AI61128
WT32I-A-AI61B****
WT32I-A-*****
WT32I-A-*****
WT32I-A-*****C
WT32I-A-*****
WT32IA-P****
WT32IA-P****C

Last Date of Unchanged Product: Mar 18, 2022

Qualification Samples

Available upon request

Customer Response

Lack of acknowledgment of the PCN within 30 days constitutes acceptance of the change, Ref. JEDEC-J-STD-046.

To request further data or inquire about this notification, please contact your Silicon Labs sales representative. A list of Silicon Labs sales representatives is available at <http://www.silabs.com>.

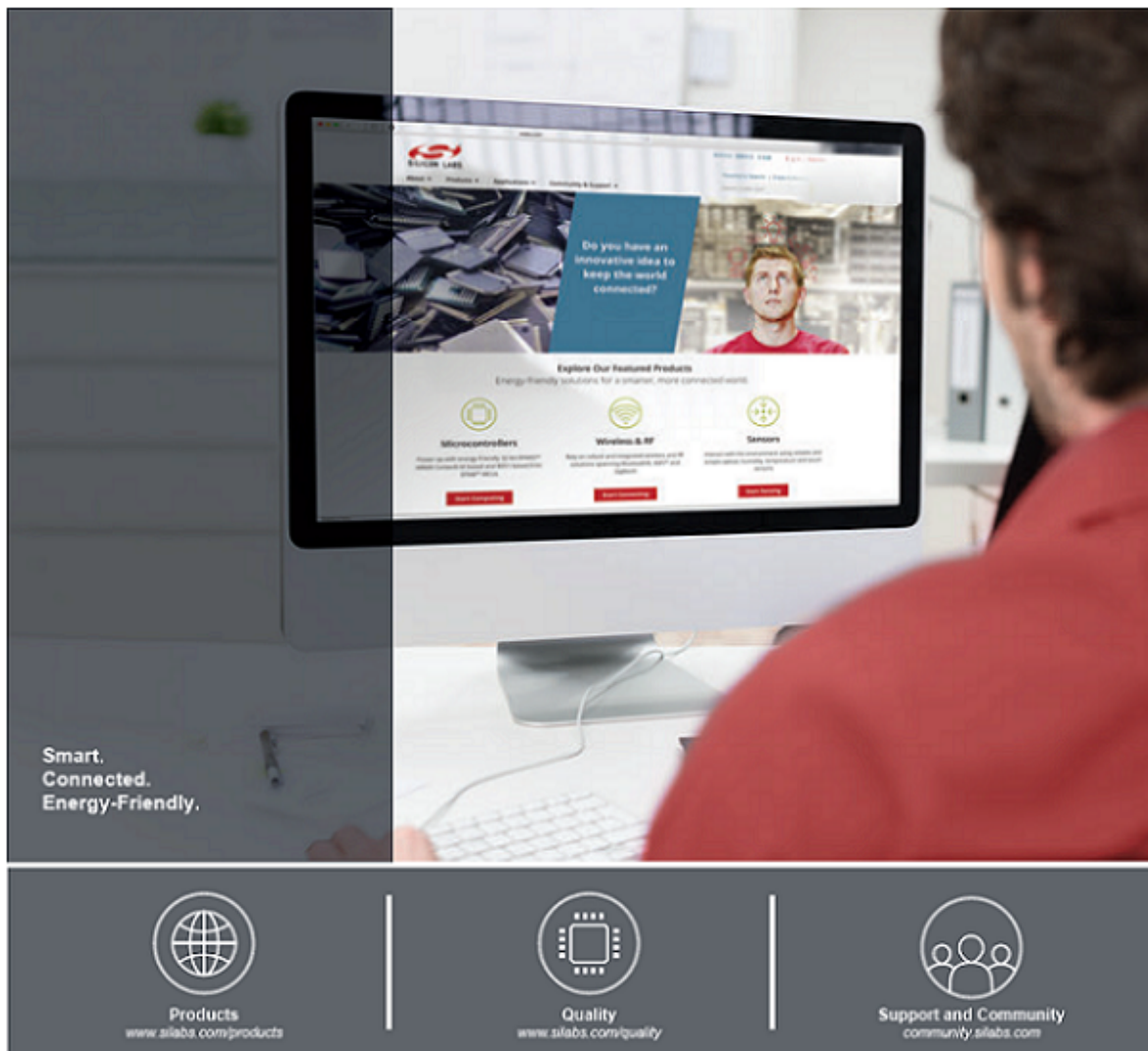
Customers may approve early PCN acceptance by emailing approval, along with PCN # to PCNEarlyAcceptance@silabs.com

User Registration

Register today to create your account on Silabs.com. Your personalized profile allows you to receive technical document updates, new product announcements, "how-to" and design documents, product change notices (PCN) and other valuable content available only to registered users. <http://www.silabs.com/profile>

Qualification Data

Available upon request



Disclaimer

Silicon Labs intends to provide customers with the latest, accurate, and in-depth documentation of all peripherals and modules available for system and software implementers using or intending to use the Silicon Labs products. Characterization data, available modules and peripherals, memory sizes and memory addresses refer to each specific device, and "Typical" parameters provided can and do vary in different applications. Application examples described herein are for illustrative purposes only. Silicon Labs reserves the right to make changes without further notice and limitation to product information, specifications, and descriptions herein, and does not give warranties as to the accuracy or completeness of the included information. Silicon Labs shall have no liability for the consequences of use of the information supplied herein. This document does not imply or express copyright licenses granted hereunder to design or fabricate any integrated circuits. The products are not designed or authorized to be used within any Life Support System without the specific written consent of Silicon Labs. A "Life Support System" is any product or system intended to support or sustain life and/or health, which, if it fails, can be reasonably expected to result in significant personal injury or death. Silicon Labs products are not designed or authorized for military applications. Silicon Labs products shall under no circumstances be used in weapons of mass destruction including (but not limited to) nuclear, biological or chemical weapons, or missiles capable of delivering such weapons.

Trademark Information

Silicon Laboratories Inc.®, Silicon Laboratories®, Silicon Labs®, SiLabs® and the Silicon Labs logo®, Bluegiga®, Bluegiga Logo®, Clockbuilder®, CMEMS®, DSPLL®, EFM®, EFM32®, EFR®, Ember®, Energy Micro, Energy Micro logo and combinations thereof, "the world's most energy friendly microcontrollers", Ember®, EZLink®, EZRadio®, EZRadioPRO®, Gecko®, ISOModem®, Micrium®, Precision32®, ProSLIC®, Simplicity Studio®, SiPHY®, Telegesis, the Telegesis Logo®, USBXpress®, Zentri and others are trademarks or registered trademarks of Silicon Labs. ARM, CORTEX, Cortex-M3 and THUMB are trademarks or registered trademarks of ARM Holdings. Keil is a registered trademark of ARM Limited. All other products or brand names mentioned herein are trademarks of their respective holders.



Silicon Laboratories Inc.
400 West Cesar Chavez
Austin, TX 78701

<http://www.silabs.com>