2609301855 End of Life of EFM8BB5x TSSOP & SOIC Packages

EOL Issue Date: Sep 30, 2026

Last Ship Date: Oct 06, 2027

Last Order Date: Apr 05, 2027

PCN Type: Discontinuance

Description of Change

Silicon Labs announces an End of Life (EOL) and Last Time Buy (LTB) for EFM8BB5x TSSOP & SOIC Packages.

Existing customers may place LTB orders per the key dates above and guidelines listed in this EOL form.

All customer orders placed after the EOL Issue Date will be Non-Cancellable and Non-Returnable (NCNR). Orders placed before the EOL Issue Date will become NCNR after the Last Order Date. These orders will need to have a Customer Requested Delivery Date (CRD) before the Last Ship Date. As of this EOL Issue Date, Silicon Labs will no longer accept customer orders with a CRD beyond the Last Ship Date. Additionally, these orders will be Built to Order (BTO) and may have extended lead times. See your sales or distributor representative for new Lead Times.

Note: Silicon Labs will accept customer orders that are received prior to the Last Order Date shown above, but does not guarantee that it will be able to fill all or part of any orders due to limited availability, manufacturing issues or other reasons beyond Silicon Labs' reasonable control. Estimated delivery dates beyond normal lead time should not be considered as a firm acceptance or a guarantee of supply at any time.

If you have questions about this EOL, please contact your Silicon Labs sales representative. A list of Silicon Labs sales representatives is available at www.silabs.com.

Software Impact Description

Note: After the effective date of the PCN, the EOL parts will no longer be available for new projects in Simplicity Studio.

Reason for Change

The supplier that provides the Epoxy Die Attach material used in these product family packages has announced an End of Life (EOL) of their materials. This impacts Silicon Labs ability to manufacture the EFM8BB5x 16-SOIC-150mils, 20-TSSOP-6.5X4.4 and 28-TSSOP-9.7X4.4 products.

Impact on Form, Fit, Function, Quality, Reliability

None.

Product Identification

Existing Part #	Replacement Part #	Drop-in Compatible
EFM8BB50F4G-A-SOIC16	EFM8BB10F8G-A-SOIC16	NO
EFM8BB50F4G-A-SOIC16R	EFM8BB10F8G-A-SOIC16R	NO
EFM8BB50F4I-A-SOIC16	EFM8BB10F8I-A-SOIC16	NO
EFM8BB50F4I-A-SOIC16R	EFM8BB10F8I-A-SOIC16R	NO
EFM8BB50F8G-A-SOIC16	EFM8BB10F8G-A-SOIC16	NO
EFM8BB50F8G-A-SOIC16R	EFM8BB10F8G-A-SOIC16R	NO
EFM8BB50F8I-A-SOIC16	EFM8BB10F8I-A-SOIC16	NO
EFM8BB50F8I-A-SOIC16R	EFM8BB10F8I-A-SOIC16R	NO
EFM8BB50F16G-A-SOIC16	EFM8BB50F16G-A-QFN16	NO
EFM8BB50F16G-A-SOIC16R	EFM8BB50F16G-A-QFN16R	NO

EFM8BB50F16I-A-SOIC16	EFM8BB50F16I-A-QFN16	NO
EFM8BB50F16I-A-SOIC16R	EFM8BB50F16I-A-QFN16R	NO
EFM8BB51F8G-C-TSSOP20	EFM8BB51F8G-C-QFN20	NO
EFM8BB51F8G-C-TSSOP20R	EFM8BB51F8G-C-QFN20R	NO
EFM8BB51F8I-C-TSSOP20	EFM8BB51F8I-C-QFN20	NO
EFM8BB51F8I-C-TSSOP20R	EFM8BB51F8I-C-QFN20R	NO
EFM8BB51F16G-C-TSSOP20	EFM8BB51F16G-C-QFN20	NO
EFM8BB51F16G-C-TSSOP20R	EFM8BB51F16G-C-QFN20R	NO
EFM8BB51F16I-C-TSSOP20	EFM8BB51F16I-C-QFN20	NO
EFM8BB51F16I-C-TSSOP20R	EFM8BB51F16I-C-QFN20R	NO
EFM8BB52F16G-C-TSSOP20	EFM8BB52F16G-C-QFN20	NO
EFM8BB52F16G-C-TSSOP20R	EFM8BB52F16G-C-QFN20R	NO
EFM8BB52F16G-C-TSSOP28	EFM8BB52F16G-C-QFN32	NO
EFM8BB52F16G-C-TSSOP28R	EFM8BB52F16G-C-QFN32R	NO
EFM8BB52F16I-C-TSSOP20	EFM8BB52F16I-C-QFN20	NO
EFM8BB52F16I-C-TSSOP20R	EFM8BB52F16I-C-QFN20R	NO
EFM8BB52F16I-C-TSSOP28	EFM8BB52F16I-C-QFN32	NO
EFM8BB52F16I-C-TSSOP28R	EFM8BB52F16I-C-QFN32R	NO
EFM8BB52F32G-C-TSSOP20	EFM8BB52F32G-C-QFN20	NO
EFM8BB52F32G-C-TSSOP20R	EFM8BB52F32G-C-QFN20R	NO
EFM8BB52F32G-C-TSSOP28	EFM8BB52F32G-C-QFN32	NO
EFM8BB52F32G-C-TSSOP28R	EFM8BB52F32G-C-QFN32R	NO
EFM8BB52F32I-C-TSSOP20	EFM8BB52F32I-C-QFN20	NO
EFM8BB52F32I-C-TSSOP20R	EFM8BB52F32I-C-QFN20R	NO
EFM8BB52F32I-C-TSSOP28	EFM8BB52F32I-C-QFN32	NO
EFM8BB52F32I-C-TSSOP28R	EFM8BB52F32I-C-QFN32R	NO

Kit Identification

The kits listed under "Existing Kit #" will only be orderable if inventory is available. The kits listed under "Replacement Kit #" are currently available and are relevant to the parts listed above as Replacement Parts. If no kits are listed under Kit Identification, then no kits are affected.

Customer Response

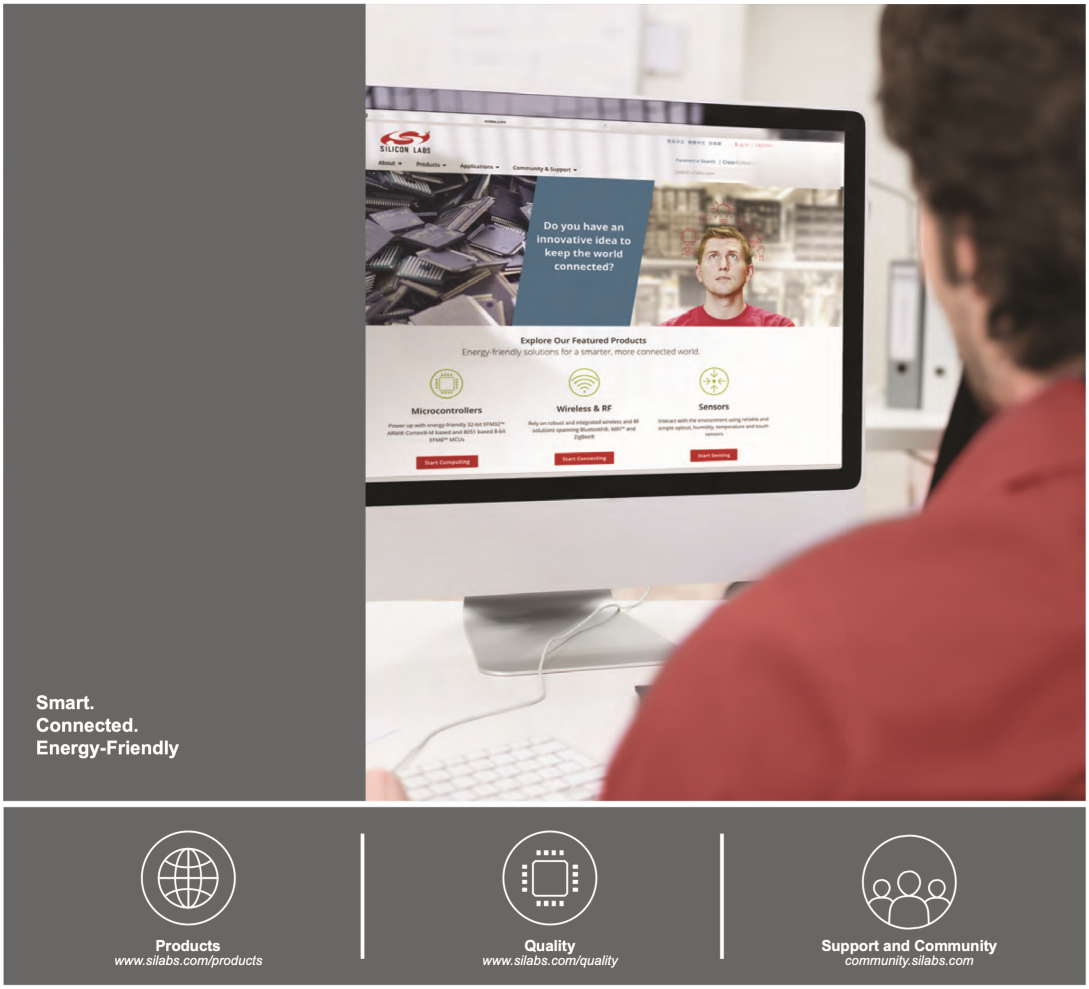
Lack of acknowledgment of the PCN within 30 days constitutes acceptance of the change,Ref. JEDEC-J-STD-046.

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 https://www.silabs.com.

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

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