



2401181510 End of Life for C8051F80x/1x/2x/3x Capacitive Touch Sense MCUs

EOL Issue Date: Jan 18, 2024

Effective Date: Jan 23, 2025

Last Order Date: Jul 24, 2024

PCN Type: Discontinuance

Description of Change

Silicon Labs announces an End of Life (EOL) and Last Time Buy (LTB) for C8051F80x/1x/2x/3x Capacitive Touch Sense MCUs.

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). These orders will need to have a Customer Requested Delivery Date (CRD) before the EOL Effective Date. As of this EOL Issue Date, Silicon Labs will no longer accept customer orders with a CRD beyond the EOL Effective Date.

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.

Reason for Change

Forecasted volumes are insufficient to support manufacturing costs.

Impact on Form, Fit, Function, Quality, Reliability

None.

Product Identification

Exploratory kits for the replacement parts:

BB50-EK2702A - for the EFM8BB50 8-bit Microcontroller family

BB51-EK2700A - for the EFM8BB51 8-bit Microcontroller family

Existing Part #	Replacement Part #	DropInCompInd.
C8051F800-GM	EFM8BB51F16G-C-QFN20	No
C8051F800-GMR	EFM8BB51F16G-C-QFN20R	No
C8051F801-GM	EFM8BB51F16G-C-QFN20	No
C8051F801-GMR	EFM8BB51F16G-C-QFN20R	No
C8051F802-GM	EFM8BB51F16G-C-QFN20	No
C8051F802-GMR	EFM8BB51F16G-C-QFN20R	No
C8051F803-GS	EFM8BB50F16G-A-SOIC16	No
C8051F803-GSR	EFM8BB50F16G-A-SOIC16R	No
C8051F804-GS	EFM8BB50F16G-A-SOIC16	No
C8051F804-GSR	EFM8BB50F16G-A-SOIC16R	No
C8051F805-GS	EFM8BB50F16G-A-SOIC16	No
C8051F805-GSR	EFM8BB50F16G-A-SOIC16R	No
C8051F806-GM	EFM8BB51F16G-C-QFN20	No
C8051F806-GMR	EFM8BB51F16G-C-QFN20R	No

C8051F807-GM	EFM8BB51F16G-C-QFN20	No
C8051F807-GMR	EFM8BB51F16G-C-QFN20R	No
C8051F808-GM	EFM8BB51F16G-C-QFN20	No
C8051F808-GMR	EFM8BB51F16G-C-QFN20R	No
C8051F809-GS	EFM8BB50F16G-A-SOIC16	No
C8051F809-GSR	EFM8BB50F16G-A-SOIC16R	No
C8051F810-GS	EFM8BB50F16G-A-SOIC16	No
C8051F810-GSR	EFM8BB50F16G-A-SOIC16R	No
C8051F811-GS	EFM8BB50F16G-A-SOIC16	No
C8051F811-GSR	EFM8BB50F16G-A-SOIC16R	No
C8051F812-GM	EFM8BB51F8G-C-QFN20	No
C8051F812-GMR	EFM8BB51F8G-C-QFN20R	No
C8051F813-GM	EFM8BB51F8G-C-QFN20	No
C8051F813-GMR	EFM8BB51F8G-C-QFN20R	No
C8051F814-GM	EFM8BB51F8G-C-QFN20	No
C8051F814-GMR	EFM8BB51F8G-C-QFN20R	No
C8051F815-GS	EFM8BB50F8G-A-SOIC16	No
C8051F815-GSR	EFM8BB50F8G-A-SOIC16R	No
C8051F816-GS	EFM8BB50F8G-A-SOIC16	No
C8051F816-GSR	EFM8BB50F8G-A-SOIC16R	No
C8051F817-GS	EFM8BB50F8G-A-SOIC16	No
C8051F817-GSR	EFM8BB50F8G-A-SOIC16R	No
C8051F818-GM	EFM8BB51F8G-C-QFN20	No
C8051F818-GMR	EFM8BB51F8G-C-QFN20R	No
C8051F819-GM	EFM8BB51F8G-C-QFN20	No
C8051F819-GMR	EFM8BB51F8G-C-QFN20R	No
C8051F820-GM	EFM8BB51F8G-C-QFN20	No
C8051F820-GMR	EFM8BB51F8G-C-QFN20R	No
C8051F821-GS	EFM8BB50F8G-A-SOIC16	No
C8051F821-GSR	EFM8BB50F8G-A-SOIC16R	No
C8051F822-GS	EFM8BB50F8G-A-SOIC16	No
C8051F822-GSR	EFM8BB50F8G-A-SOIC16R	No
C8051F823-GS	EFM8BB50F8G-A-SOIC16	No
C8051F823-GSR	EFM8BB50F8G-A-SOIC16R	No
C8051F824-GS	EFM8BB50F8G-A-SOIC16	No
C8051F824-GSR	EFM8BB50F8G-A-SOIC16R	No
C8051F825-GS	EFM8BB50F8G-A-SOIC16	No
C8051F825-GSR	EFM8BB50F8G-A-SOIC16R	No
C8051F826-GS	EFM8BB50F8G-A-SOIC16	No
C8051F826-GSR	EFM8BB50F8G-A-SOIC16R	No
C8051F827-GS	EFM8BB50F8G-A-SOIC16	No
C8051F827-GSR	EFM8BB50F8G-A-SOIC16R	No
C8051F828-GS	EFM8BB50F8G-A-SOIC16	No
C8051F828-GSR	EFM8BB50F8G-A-SOIC16R	No
C8051F829-GS	EFM8BB50F8G-A-SOIC16	No
C8051F829-GSR	EFM8BB50F8G-A-SOIC16R	No
C8051F830-GS	EFM8BB50F4G-A-SOIC16	No
C8051F830-GSR	EFM8BB50F4G-A-SOIC16R	No
C8051F831-GS	EFM8BB50F4G-A-SOIC16	No
C8051F831-GSR	EFM8BB50F4G-A-SOIC16R	No
C8051F832-GS	EFM8BB50F4G-A-SOIC16	No
C8051F832-GSR	EFM8BB50F4G-A-SOIC16R	No
C8051F833-GS	EFM8BB50F4G-A-SOIC16	No
C8051F833-GSR	EFM8BB50F4G-A-SOIC16R	No
C8051F834-GS	EFM8BB50F4G-A-SOIC16	No
C8051F834-GSR	EFM8BB50F4G-A-SOIC16R	No
C8051F835-GS	EFM8BB50F4G-A-SOIC16	No
C8051F835-GSR	EFM8BB50F4G-A-SOIC16R	No

Kit Identification

Orders for the following obsolete kits will no longer be accepted.

Existing Kit #	Replacement Kit #
C8051F800DK	BB50-EK2702A

Customer Response

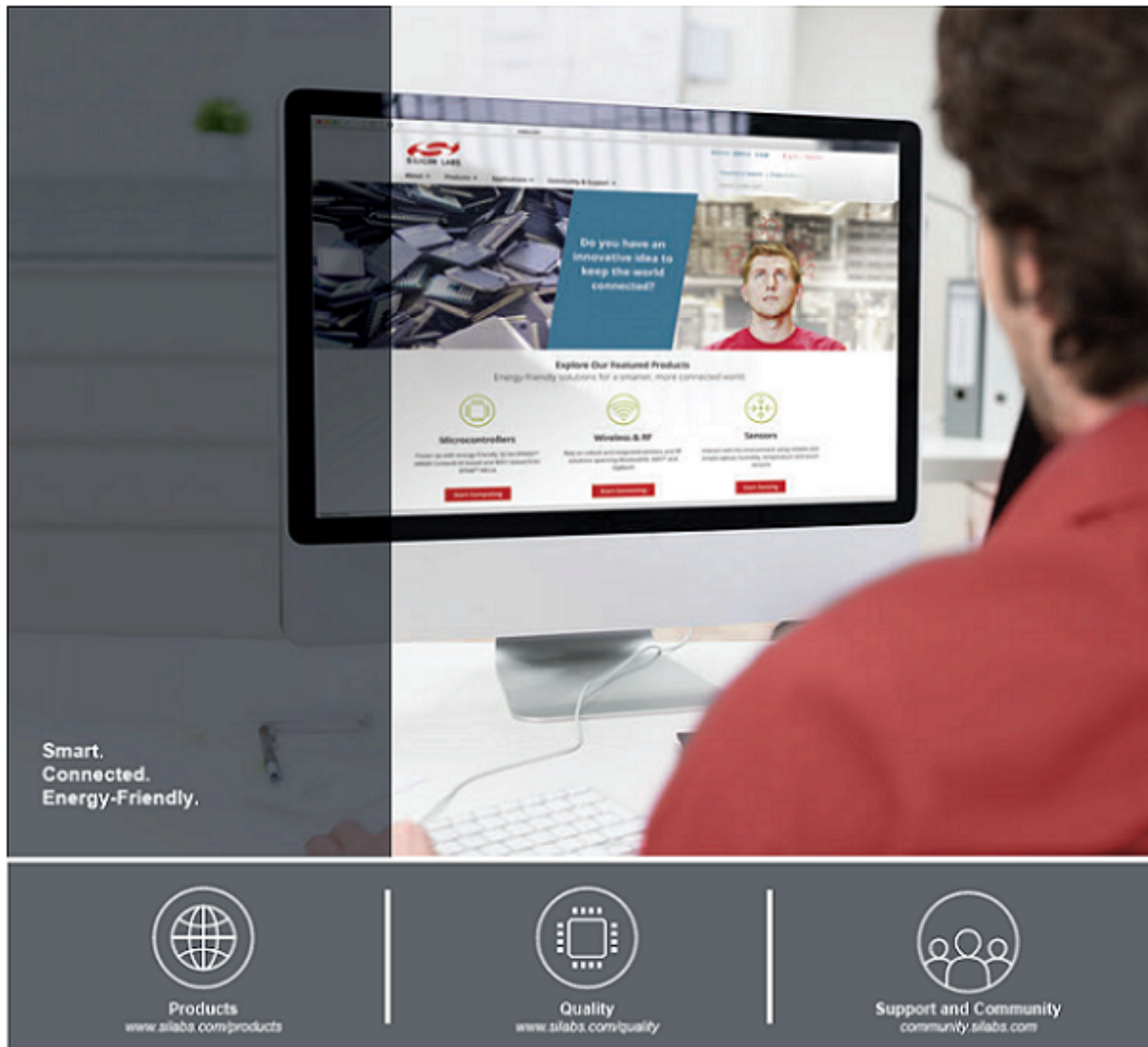
Lack of acknowledgment of the PCN within 30 days constitutes acceptance of the change, Ref. JEDEC-J-STD-046.

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 PCN@silabs.com

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