



2402211509 End of Life for CPTx, C8051F98x/9x and Select C8051F85x/6x MCUs

EOL Issue Date: Feb 21, 2024

Effective Date: Feb 27, 2025

Last Order Date: Aug 27, 2024

PCN Type: Datasheet; Discontinuance

Description of Change

Silicon Labs announces an End of Life (EOL) and Last Time Buy (LTB) for CPTx, C8051F98x/9x and Select C8051F85x/6x 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

The supplier that provides the QSOP packaging used in these product families has announced an End of Life (EOL) of the QSOP package. No alternate supplier is available for this package type. This impacts Silicon Labs ability to manufacture the QSOP packaged devices.

Additionally, for non-QSOP devices, the forecasted volumes are insufficient to support manufacturing costs.

New datasheet revision with devices that will remain available in C8051F85x/6x family:
C8051F85x/86x v1.3: <https://www.silabs.com/documents/public/data-sheets/C8051F85x-86x.pdf>

Impact on Form, Fit, Function, Quality, Reliability

None.

Product Identification

Existing Part #	Replacement Part #	DropInCompInd.
C8051F850-C-GU	EFM8BB51F8G-C-TSSOP20	No
C8051F850-C-GUR	EFM8BB51F8G-C-TSSOP20R	No
C8051F850-C-IU	EFM8BB51F8I-C-TSSOP20R	No
C8051F850-C-IUR	EFM8BB51F8I-C-TSSOP20R	No
C8051F850-C-YM	EFM8BB51F8I-C-QFN20	No
C8051F850-C-YMR	EFM8BB51F8I-C-QFN20R	No
C8051F850CZ1DI	NA	No
C8051F851-C-GM	EFM8BB50F4G-A-QFN16	No
C8051F851-C-GMR	EFM8BB50F4G-A-QFN16R	No
C8051F851-C-GU	EFM8BB51F8G-C-TSSOP20	No

C8051F851-C-GUR	EFM8BB51F8G-C-TSSOP20R	No
C8051F851-C-IM	EFM8BB50F4I-A-QFN16	No
C8051F851-C-IMR	EFM8BB50F4I-A-QFN16R	No
C8051F851-C-IU	EFM8BB51F8I-C-TSSOP20	No
C8051F851-C-IUR	EFM8BB51F8I-C-TSSOP20R	No
C8051F852-C-GM	EFM8BB50F4G-A-QFN16	No
C8051F852-C-GMR	EFM8BB50F4G-A-QFN16R	No
C8051F852-C-GU	EFM8BB51F8G-C-TSSOP20	No
C8051F852-C-GUR	EFM8BB51F8G-C-TSSOP20R	No
C8051F852-C-IM	EFM8BB50F4I-A-QFN16	No
C8051F852-C-IMR	EFM8BB50F4I-A-QFN16R	No
C8051F852-C-IU	EFM8BB51F8I-C-TSSOP20	No
C8051F852-C-IUR	EFM8BB51F8I-C-TSSOP20R	No
C8051F853-C-GU	EFM8BB51F8G-C-TSSOP20	No
C8051F853-C-GUR	EFM8BB51F8G-C-TSSOP20R	No
C8051F853-C-IM	EFM8BB51F8I-C-QFN20	No
C8051F853-C-IMR	EFM8BB51F8I-C-QFN20R	No
C8051F853-C-IU	EFM8BB51F8I-C-TSSOP20	No
C8051F853-C-IUR	EFM8BB51F8I-C-TSSOP20R	No
C8051F854-C-GM	EFM8BB50F4G-A-QFN16	No
C8051F854-C-GMR	EFM8BB50F4G-A-QFN16R	No
C8051F854-C-GU	EFM8BB51F8G-C-TSSOP20	No
C8051F854-C-GUR	EFM8BB51F8G-C-TSSOP20R	No
C8051F854-C-IM	EFM8BB50F4I-A-QFN16	No
C8051F854-C-IMR	EFM8BB50F4I-A-QFN16R	No
C8051F854-C-IU	EFM8BB51F8I-C-TSSOP20	No
C8051F854-C-IUR	EFM8BB51F8I-C-TSSOP20R	No
C8051F855-C-GM	EFM8BB50F4G-A-QFN16	No
C8051F855-C-GMR	EFM8BB50F4G-A-QFN16R	No
C8051F855-C-GU	EFM8BB51F8G-C-TSSOP20	No
C8051F855-C-GUR	EFM8BB51F8G-C-TSSOP20R	No
C8051F855-C-IM	EFM8BB50F4I-A-QFN16	No
C8051F855-C-IMR	EFM8BB50F4I-A-QFN16R	No
C8051F855-C-IU	EFM8BB51F8I-C-TSSOP20	No
C8051F855-C-IUR	EFM8BB51F8I-C-TSSOP20R	No
C8051F860-C-IS	EFM8BB50F8I-A-SOIC16	No
C8051F860-C-ISR	EFM8BB50F8I-A-SOIC16R	No
C8051F861-C-GS	EFM8BB50F4G-A-SOIC16	No
C8051F861-C-GSR	EFM8BB50F4G-A-SOIC16R	No
C8051F861-C-IS	EFM8BB50F4I-A-SOIC16	No
C8051F861-C-ISR	EFM8BB50F4I-A-SOIC16R	No
C8051F862-C-GS	EFM8BB50F4G-A-SOIC16	No
C8051F862-C-GSR	EFM8BB50F4G-A-SOIC16R	No
C8051F862-C-IS	EFM8BB50F4I-A-SOIC16	No
C8051F862-C-ISR	EFM8BB50F4I-A-SOIC16R	No
C8051F863-C-GS	EFM8BB50F8G-A-SOIC16	No
C8051F863-C-GSR	EFM8BB50F8G-A-SOIC16R	No
C8051F863-C-IS	EFM8BB50F8I-A-SOIC16	No
C8051F863-C-ISR	EFM8BB50F8I-A-SOIC16R	No
C8051F864-C-GS	EFM8BB50F4G-A-SOIC16	No
C8051F864-C-GSR	EFM8BB50F4G-A-SOIC16R	No
C8051F864-C-IS	EFM8BB50F4I-A-SOIC16	No
C8051F864-C-ISR	EFM8BB50F4I-A-SOIC16R	No
C8051F865-C-GS	EFM8BB50F4G-A-SOIC16	No
C8051F865-C-GSR	EFM8BB50F4G-A-SOIC16R	No
C8051F865-C-IS	EFM8BB50F4I-A-SOIC16	No
C8051F865-C-ISR	EFM8BB50F4I-A-SOIC16R	No
C8051F980-C-GM	EFM8BB51F8G-C-QFN20	No
C8051F980-C-GMR	EFM8BB51F8G-C-QFN20R	No
C8051F981-C-GM	EFM8BB51F8G-C-QFN20	No
C8051F981-C-GMR	EFM8BB51F8G-C-QFN20R	No
C8051F982-C-GM	EFM8BB50F4G-A-QFN16	No
C8051F982-C-GMR	EFM8BB50F4G-A-QFN16R	No
C8051F983-C-GM	EFM8BB50F4G-A-QFN16	No
C8051F983-C-GMR	EFM8BB50F4G-A-QFN16R	No
C8051F985-C-GM	EFM8BB50F4G-A-QFN16	No
C8051F985-C-GMR	EFM8BB50F4G-A-QFN16R	No

C8051F986-C-GM	EFM8BB51F8G-C-QFN20	No
C8051F986-C-GMR	EFM8BB51F8G-C-QFN20R	No
C8051F986-C-GU	EFM8BB51F8G-C-TSSOP20	No
C8051F986-C-GUR	EFM8BB51F8G-C-TSSOP20R	No
C8051F987-C-GM	EFM8BB51F8G-C-QFN20	No
C8051F987-C-GMR	EFM8BB51F8G-C-QFN20R	No
C8051F987-C-GU	EFM8BB51F8G-C-TSSOP20	No
C8051F987-C-GUR	EFM8BB51F8G-C-TSSOP20R	No
C8051F988-C-GM	EFM8BB51F8G-C-QFN20	No
C8051F988-C-GMR	EFM8BB51F8G-C-QFN20R	No
C8051F988-C-GU	EFM8BB51F8G-C-TSSOP20	No
C8051F988-C-GUR	EFM8BB51F8G-C-TSSOP20R	No
C8051F989-C-GM	EFM8BB51F8G-C-QFN20	No
C8051F989-C-GMR	EFM8BB51F8G-C-QFN20R	No
C8051F989-C-GU	EFM8BB51F8G-C-TSSOP20	No
C8051F989-C-GUR	EFM8BB51F8G-C-TSSOP20R	No
C8051F990-C-GM	EFM8BB51F8G-C-QFN20	No
C8051F990-C-GMR	EFM8BB51F8G-C-QFN20R	No
C8051F991-C-GM	EFM8BB51F8G-C-QFN20	No
C8051F991-C-GMR	EFM8BB51F8G-C-QFN20R	No
C8051F996-C-G1DI	NA	No
C8051F996-C-GDI	NA	No
C8051F996-C-GM	EFM8BB51F8G-C-QFN20	No
C8051F996-C-GMR	EFM8BB51F8G-C-QFN20R	No
C8051F996-C-GU	EFM8BB51F8G-C-TSSOP20	No
C8051F996-C-GUR	EFM8BB51F8G-C-TSSOP20R	No
C8051F997-C-GM	EFM8BB51F8G-C-QFN20	No
C8051F997-C-GMR	EFM8BB51F8G-C-QFN20R	No
C8051F997-C-GU	EFM8BB51F8G-C-TSSOP20	No
C8051F997-C-GUR	EFM8BB51F8G-C-TSSOP20R	No
CPT007B-A02-GM	EFM8SB10F8G-A-QFN20	No
CPT007B-A02-GMR	EFM8SB10F8G-A-QFN20R	No
CPT007B-A02-GU	EFM8SB10F8G-A-QFN24	No
CPT007B-A02-GUR	EFM8SB10F8G-A-QFN24R	No
CPT112S-A02-GM	EFM8SB10F8G-A-QFN20	No
CPT112S-A02-GMR	EFM8SB10F8G-A-QFN20R	No
CPT112S-A02-GU	EFM8SB10F8G-A-QFN24	No
CPT112S-A02-GUR	EFM8SB10F8G-A-QFN24R	No
CPT212B-A01-GM	EFM8SB10F8G-A-QFN20	No
CPT212B-A01-GMR	EFM8SB10F8G-A-QFN20R	No
CPT213B-A01-GM	EFM8SB10F8G-A-QFN24	No
CPT213B-A01-GMR	EFM8SB10F8G-A-QFN24R	No

Kit Identification

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

Existing Kit #	Replacement Kit #
C8051F850-B-DK	BB51-EK2700A
C8051F850-BLDC-RD	BB51-EK2700A
C8051F996DK	BB51-EK2700A

Customer Response

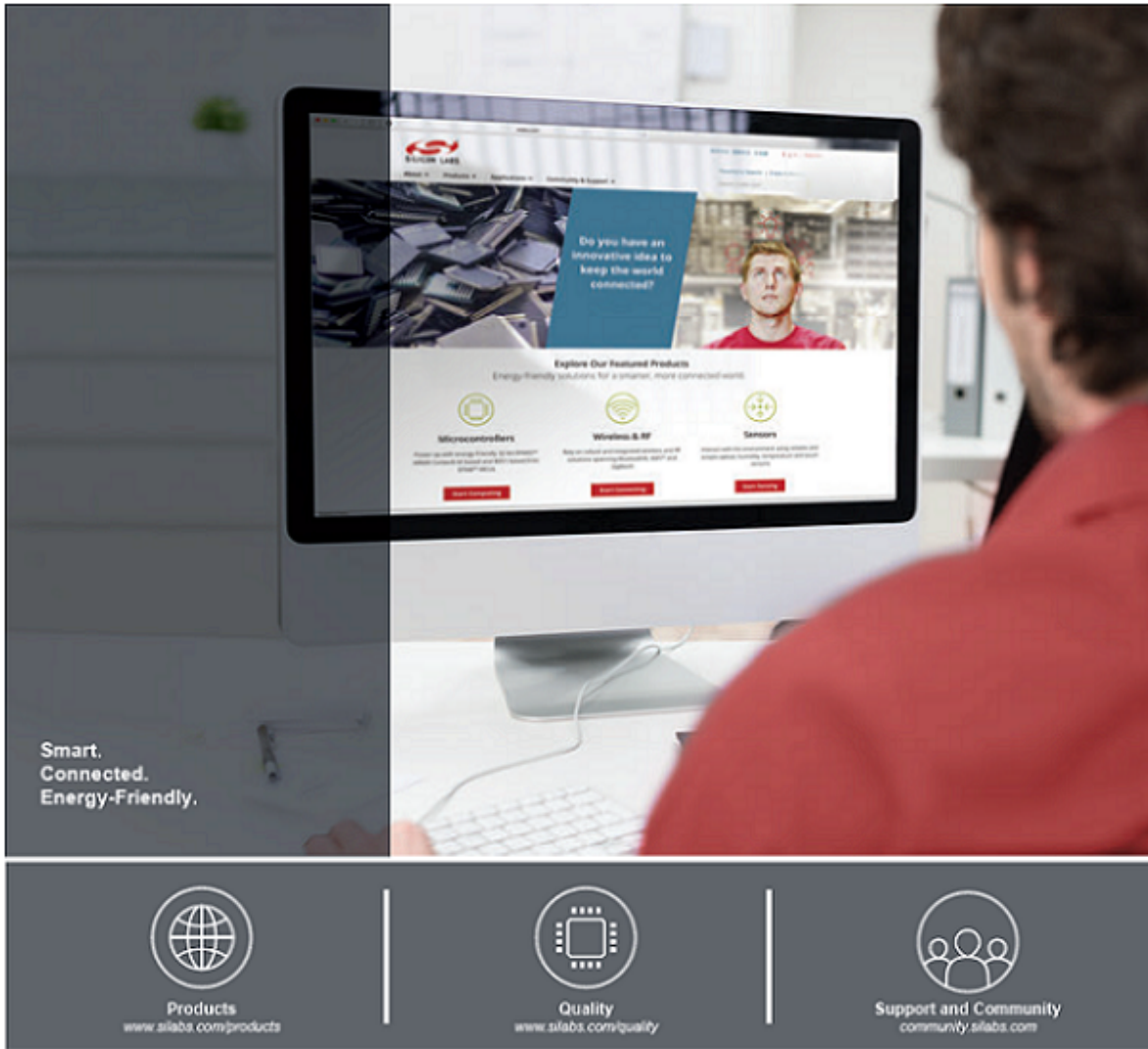
Lack of acknowledgment of the PCN within 30 days constitutes acceptance of the change, Ref. JEDEC-J-STD-046.

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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