



# 2603251790 End of Life Notification for Select C8051F5xx, C8051F92x/93x, EFM8SB1 and EFM8SB2

**EOL Issue Date:** Mar 25, 2026

**Last Ship Date:** Mar 31, 2027

**Last Order Date:** Oct 01, 2026

**PCN Type:** Discontinuance

## Description of Change

Silicon Labs announces an End of Life (EOL) and Last Time Buy (LTB) for select C8051F5xx, C8051F92x/93x, EFM8SB1 and EFM8SB2.

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](http://www.silabs.com).

## Software Impact Description

Note: After the effective date of the PCN, the EOL EFM8SB1 and EFM8SB2 parts will no longer be available for new projects in Simplicity Studio.

## Reason for Change

The supplier that provides the handler used in testing of these devices has announced an End of Life (EOL) of the handler. This impacts Silicon Labs ability to manufacture the devices. Forecasted volumes are insufficient to support migration to alternative handler.

## Impact on Form, Fit, Function, Quality, Reliability

None.

## Product Identification

| Existing Part # | Replacement Part #    | Drop-in Compatible |
|-----------------|-----------------------|--------------------|
| C8051F500-IM    | EFM8LB12F64E-C-QFN32  | NO                 |
| C8051F500-IMR   | EFM8LB12F64E-C-QFN32R | NO                 |
| C8051F501-IM    | EFM8LB12F64E-C-QFN32  | NO                 |
| C8051F501-IMR   | EFM8LB12F64E-C-QFN32R | NO                 |
| C8051F502-AM    | EFM8LB12F64E-C-QFN32  | NO                 |
| C8051F502-AMR   | EFM8LB12F64E-C-QFN32R | NO                 |

|                 |                       |    |
|-----------------|-----------------------|----|
| C8051F503-IM    | EFM8LB12F64E-C-QFN32  | NO |
| C8051F503-IMR   | EFM8LB12F64E-C-QFN32R | NO |
| C8051F507-AM    | EFM8BB52F32I-C-QFN32  | NO |
| C8051F507-AMR   | EFM8BB52F32I-C-QFN32R | NO |
| C8051F508-IM    | EFM8BB52F32I-C-QFN32  | NO |
| C8051F508-IMR   | EFM8BB52F32I-C-QFN32R | NO |
| C8051F511-IM    | EFM8BB52F32I-C-QFN32  | NO |
| C8051F511-IMR   | EFM8BB52F32I-C-QFN32R | NO |
| CF527APM0640IM  | EFM8BB50F4I-A-QFN16   | NO |
| CF527APM0640IMR | EFM8BB50F4I-A-QFN16R  | NO |
| C8051F530A-IT   | EFM8BB50F8G-A-S0IC16  | NO |
| C8051F530A-ITR  | EFM8BB50F8G-A-S0IC16R | NO |
| C8051F530-C-IM  | EFM8BB50F8G-A-S0IC16  | NO |
| C8051F530-C-IMR | EFM8BB50F8G-A-S0IC16R | NO |
| C8051F531-C-AM  | EFM8BB50F8G-A-S0IC16  | NO |
| C8051F531-C-AMR | EFM8BB50F8G-A-S0IC16R | NO |
| C8051F531-C-IT  | EFM8BB50F8G-A-S0IC16  | NO |
| C8051F531-C-ITR | EFM8BB50F8G-A-S0IC16R | NO |
| C8051F534-C-IM  | EFM8BB50F4I-A-QFN16   | NO |
| C8051F534-C-IMR | EFM8BB50F4I-A-QFN16R  | NO |
| CF534APM0462IM  | EFM8BB50F4I-A-QFN16   | NO |
| CF534APM0462IMR | EFM8BB50F4I-A-QFN16R  | NO |
| CF534APM0649IM  | EFM8BB50F4I-A-QFN16   | NO |
| CF534APM0649IMR | EFM8BB50F4I-A-QFN16R  | NO |
| CF534APM0729IM  | EFM8BB50F4I-A-QFN16   | NO |
| CF534APM0729IMR | EFM8BB50F4I-A-QFN16R  | NO |
| CF534APM0760IM  | EFM8BB50F4I-A-QFN16   | NO |
| CF534APM0760IMR | EFM8BB50F4I-A-QFN16R  | NO |
| CF534APM0767IM  | EFM8BB50F4I-A-QFN16   | NO |
| CF534APM0767IMR | EFM8BB50F4I-A-QFN16R  | NO |
| CF534APM0769IM  | EFM8BB50F4I-A-QFN16   | NO |
| CF534APM0769IMR | EFM8BB50F4I-A-QFN16R  | NO |
| CF534APM0784IM  | EFM8BB50F4I-A-QFN16   | NO |
| CF534APM0784IMR | EFM8BB50F4I-A-QFN16R  | NO |
| CF534C0995CIM   | EFM8BB50F4I-A-QFN16   | NO |
| CF534C0995CIMR  | EFM8BB50F4I-A-QFN16R  | NO |
| CF534C1022CIM   | EFM8BB50F4I-A-QFN16   | NO |
| CF534C1022CIMR  | EFM8BB50F4I-A-QFN16R  | NO |
| CF534C1047CIM   | EFM8BB50F4I-A-QFN16   | NO |
| CF534C1047CIMR  | EFM8BB50F4I-A-QFN16R  | NO |
| CF534C1089CIM   | EFM8BB50F4I-A-QFN16   | NO |
| CF534C1089CIMR  | EFM8BB50F4I-A-QFN16R  | NO |
| C8051F541-IM    | EFM8BB52F32I-C-QFN32  | NO |
| C8051F541-IMR   | EFM8BB52F32I-C-QFN32R | NO |
| C8051F542-IM    | EFM8BB52F16I-C-QFN20  | NO |
| C8051F542-IMR   | EFM8BB52F16I-C-QFN20R | NO |
| C8051F543-IM    | EFM8BB52F16I-C-QFN20  | NO |
| C8051F543-IMR   | EFM8BB52F16I-C-QFN20R | NO |
| C8051F547-IM    | EFM8BB51F8I-C-QFN20   | NO |
| C8051F547-IMR   | EFM8BB51F8I-C-QFN20R  | NO |
| CF547-PM0823IM  | EFM8BB51F8I-C-QFN20   | NO |
| CF547-PM0823IMR | EFM8BB51F8I-C-QFN20R  | NO |
| CF547-PM0843IM  | EFM8BB51F8I-C-QFN20   | NO |
| CF547-PM0843IMR | EFM8BB51F8I-C-QFN20R  | NO |
| CF547-PM0861IM  | EFM8BB51F8I-C-QFN20   | NO |
| CF547-PM0861IMR | EFM8BB51F8I-C-QFN20R  | NO |
| C8051F553-AM    | EFM8BB52F32I-C-QFN20  | NO |
| C8051F553-AMR   | EFM8BB52F32I-C-QFN20R | NO |
| C8051F554-AM    | EFM8BB52F16I-C-QFN20  | NO |
| C8051F554-AMR   | EFM8BB52F16I-C-QFN20R | NO |
| C8051F554-IM    | EFM8BB52F16I-C-QFN20  | NO |

|                       |                        |    |
|-----------------------|------------------------|----|
| C8051F554-IMR         | EFM8BB52F16I-C-QFN20R  | NO |
| C8051F555-IM          | EFM8BB52F16I-C-QFN20   | NO |
| C8051F555-IMR         | EFM8BB52F16I-C-QFN20R  | NO |
| C8051F560-IM          | EFM8BB52F32I-C-QFN32   | NO |
| C8051F560-IMR         | EFM8BB52F32I-C-QFN32R  | NO |
| C8051F569-AM          | EFM8BB52F32I-C-QFN32   | NO |
| C8051F569-AMR         | EFM8BB52F32I-C-QFN32R  | NO |
| C8051F571-IM          | EFM8BB52F32I-C-QFN32   | NO |
| C8051F571-IMR         | EFM8BB52F32I-C-QFN32R  | NO |
| C8051F580-IM          | EFM8BB52F32I-C-QFN32   | NO |
| C8051F580-IMR         | EFM8BB52F32I-C-QFN32R  | NO |
| C8051F581-IM          | EFM8BB52F32I-C-QFN32   | NO |
| C8051F581-IMR         | EFM8BB52F32I-C-QFN32R  | NO |
| C8051F582-IM          | EFM8BB52F32I-C-QFN32   | NO |
| C8051F582-IMR         | EFM8BB52F32I-C-QFN32R  | NO |
| C8051F587-AM          | EFM8BB52F32I-C-QFN32   | NO |
| C8051F587-AMR         | EFM8BB52F32I-C-QFN32R  | NO |
| C8051F920-G-GM        | EFM8BB52F32G-C-QFN32   | NO |
| C8051F920-G-GMR       | EFM8BB52F32G-C-QFN32R  | NO |
| C8051F921-G-GM        | EFM8BB52F32G-C-QFN20   | NO |
| C8051F921-G-GMR       | EFM8BB52F32G-C-QFN20R  | NO |
| C8051F930-G-GM        | EFM8BB31F64G-D-QFN32   | NO |
| C8051F930-G-GMR       | EFM8BB31F64G-D-QFN32R  | NO |
| C8051F931-G-GM        | EFM8BB31F64G-D-QFN24   | NO |
| C8051F931-G-GMR       | EFM8BB31F64G-D-QFN24R  | NO |
| EFM8SB10F8A-A-QFN20   | EFM8BB31F16A-D-4QFN24  | NO |
| EFM8SB10F8A-A-QFN20R  | EFM8BB31F16A-D-4QFN24R | NO |
| EFM8SB10P1364F2GM-A   | EFM8BB50F4G-A-QFN16    | NO |
| EFM8SB10P1364F2GM-AR  | EFM8BB50F4G-A-QFN16R   | NO |
| EFM8SB10P1777F8GM-A   | EFM8BB31F16G-D-QFN24   | NO |
| EFM8SB10P1777F8GM-AR  | EFM8BB31F16G-D-QFN24R  | NO |
| EFM8SB10P1778F8GM-A   | EFM8BB31F16G-D-QFN24   | NO |
| EFM8SB10P1778F8GM-AR  | EFM8BB31F16G-D-QFN24R  | NO |
| EFM8SB20F32G-B-QFN32  | EFM8BB52F32G-C-QFN32   | NO |
| EFM8SB20F32G-B-QFN32R | EFM8BB52F32G-C-QFN32R  | NO |
| EFM8SB20F64G-B-QFN32  | EFM8BB52F32G-C-QFN32   | NO |
| EFM8SB20F64G-B-QFN32R | EFM8BB52F32G-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

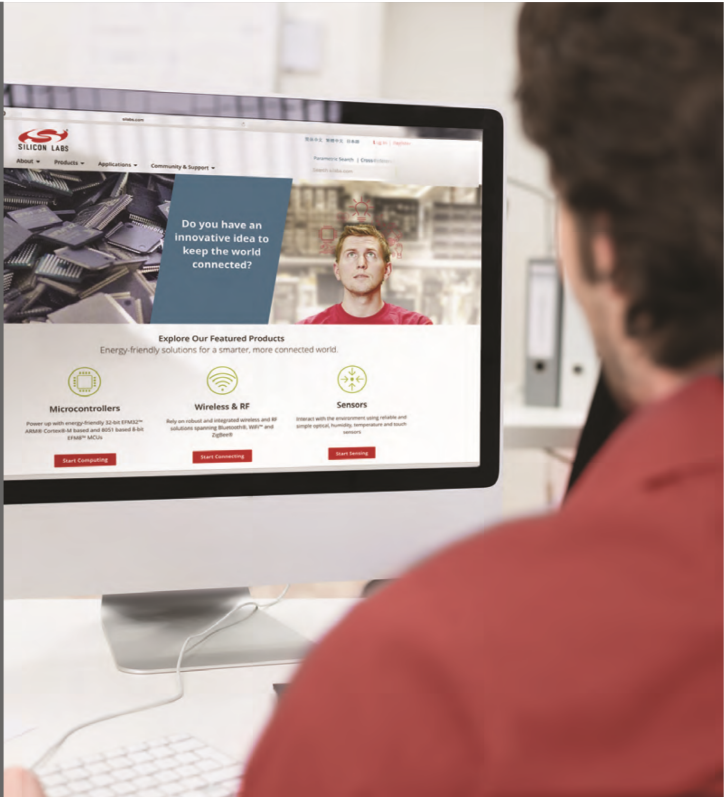
Lack of acknowledgment of the PCN within 30 days constitutes acceptance of the change, Ref. JEDEC-J-STD-046.

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](mailto:PCN@silabs.com)

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