



190401508 C8051F38x, C8051F34x Datasheet Update V1.5 Prefetch Engine

Bulletin Issue Date: 4/1/2019

Effective Date: 4/1/2019

Description of Change

Silicon labs is pleased to announce the release of version 1.5 of the C8051F38x and C8051F34x, datasheet. This update is to clarify the usage and default value of the flash prefetch engine

Updated Section "Prefetch Engine" to state that when running above 25MHz the flash memory prefetch engine needs to be enabled by setting the PFEN bit to '1', and the FLRT bit to '1'.

Reason for Change

Clarity of use cases for flash prefetch engine.

Product Identification

C8051F340-GQ
C8051F340-GQR
C8051F341-GQ
C8051F341-GQR
C8051F342-GM
C8051F342-GMR
C8051F342-GQ
C8051F342-GQR
C8051F343-GM
C8051F343-GMR
C8051F343-GQ
C8051F343-GQR
C8051F344-GQ
C8051F344-GQR
C8051F345-GQ
C8051F345-GQR
C8051F346-GM
C8051F346-GMR
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C8051F346-GQR
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C8051F347-GQR
C8051F348-GQ
C8051F348-GQR
C8051F349-GM
C8051F349-GMR
C8051F349-GQ
C8051F349-GQR
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C8051F34A-GMR
C8051F34A-GQ
C8051F34A-GQR
C8051F34B-GM
C8051F34B-GMR
C8051F34B-GQ

C8051F34B-GQR
C8051F34C-GQ
C8051F34C-GQR
C8051F34D-GQ
C8051F34D-GQR
C8051F380-GDI
C8051F380-GQ
C8051F380-GQR
C8051F381-GM
C8051F381-GMR
C8051F381-GQ
C8051F381-GQR
C8051F382-GQ
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C8051F38B-B-GM
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C8051F38B-B-GQR
C8051F38C-GM
C8051F38C-GMR
C8051F38C-GQ
C8051F38C-GQR
CF340-PM0445GQ
CF340-PM0445GQR
CF340-PM0578GQ
CF340-PM0578GQR
CF340-PX0417GQ
CF340-PX0417GQR
CF340-SM0531GQ
CF340-SM0531GQR
CF340-SX0471GQ
CF340-SX0471GQR
CF340-XM0667GQ
CF340-XM0667GQR
CF342P1090BGM
CF342P1090BGMR
CF380P0997AGQ
CF380P0997AGQR
CF380P1023AGQ
CF380P1023AGQR
CF380P1103AGQ
CF380P1103AGQR
CF380P1104AGQ

CF380P1104AGQR
CF380P1199AGQ
CF380P1199AGQR
CF380-PX0746GQ
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CF380-SM0765GQ
CF380-SM0765GQR
CF381P0900AGQ
CF381P0900AGQR
CF383-SM0719GQ
CF383-SM0719GQR
CF387-PX0731GQ
CF387-PX0731GQR
CF388V0841BGQ
CF388V0841BGQR
CF388V0860BGQ
CF388V0860BGQR

This change is considered a minor change which does not affect form, fit, function, quality, or reliability. The information is being provided as a customer courtesy.

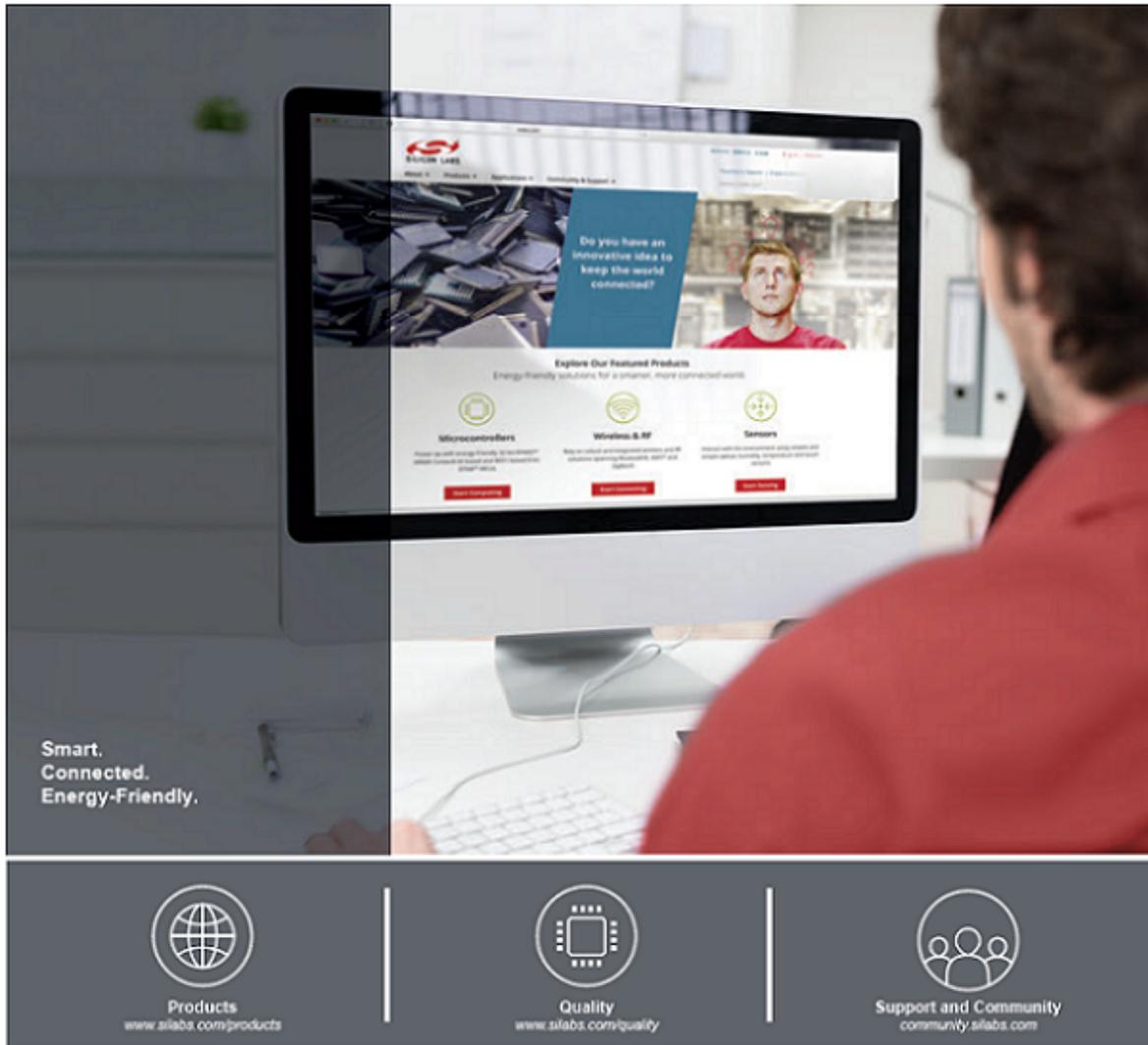
Please contact your local Silicon Labs sales representative with any questions about this notification. A list of Silicon Labs sales representatives may be found at <http://www.silabs.com>.

Customer Actions Needed:

Review datasheet changes and ensure correct usage of the flash memory prefetch engine. Contact your local Silicon Labs representative with questions.

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