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Silicon Labs»Products»MCUs»C8051F340DK Microcontroller Development Kit

C8051F340DK MCU Development Kit

C8051F340DK

The C8051F340DK MCU Development Kit contains everything needed to develop applications with the [C8051F340](#), [F341](#), [F342](#), [F343](#), [F344](#), [F345](#), [F346](#) and [F347](#) 8-bit microcontrollers.

The development kit includes:

- C8051F340 target board
- Quick Start Guide

- Silicon Labs' [8-bit Microcontroller Software Tools](#)
- Wall mounted universal power supply
- USB debug adapter
- USB cable

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Additional Resources

- [C8051F34x Development Kit User's Guide](#)
- [Simplicity Studio](#)

A host PC is required to run the development kit software and communicate with the debug adapter. The PC must meet the following system requirements:

- Windows® 2000 or later
- One USB port

Silicon Labs' development kits include advanced debug features enabling the user to fully develop and integrate hardware and software design. Since the MCU has built in debug capabilities, it can be installed into the end application. This development system is not encumbered with sockets, target cables or "ICE Chips." The development kit supports the following debug features:

- Run, halt and single-step
- Set hardware breakpoints
- Inspect/Modify memory and registers

- Download program memory

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