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With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

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## C8051FXXXDK DEVELOPMENT KIT QUICK-START GUIDE FOR KITS FEATURING THE UNIFIED DEVELOPMENT PLATFORM (UDP)

#### **Kit Contents**

There are four varieties of general purpose UDP development kits. The content of these kits is listed below:

#### **Development Kit**

- The specific UDP MCU card.
- Silicon Laboratories USB Debug Adapter.
- Supporting cables.
- C8051FxxxDK Development Kit CD.
- C8051FxxxDK Quick Start Guide (this document).

#### **Development Kit with Pico Board**

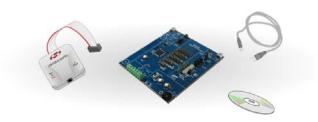
- UPPI Pico Board for the MCU.
- The specific UDP MCU card.
- Silicon Laboratories USB Debug Adapter.
- Supporting cables.
- C8051FxxxDK Development Kit CD.
- C8051FxxxDK Quick Start Guide (this document).

#### **Enhanced Development Kit**

- The specific UDP MCU card.
- UDP Motherboard.
- The specific kit I/O card.
- Silicon Laboratories USB Debug Adapter.
- Supporting cables.
- C8051FxxxDK Development Kit CD.
- C8051FxxxDK Quick Start Guide (this document).

#### **Enhanced Development Kit with Pico Board**

- UPPI Pico Board for the MCU.
- The specific UDP MCU card.
- UDP Motherboard.
- The specific kit I/O card.
- Silicon Laboratories USB Debug Adapter.
- Supporting cables.
- C8051FxxxDK Development Kit CD.
- C8051FxxxDK Quick Start Guide (this document).

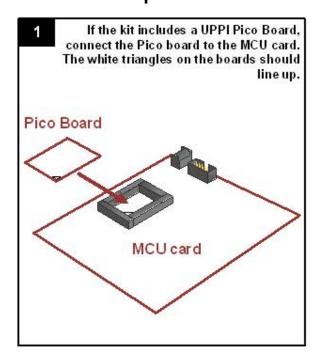


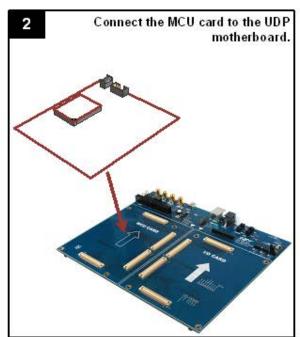


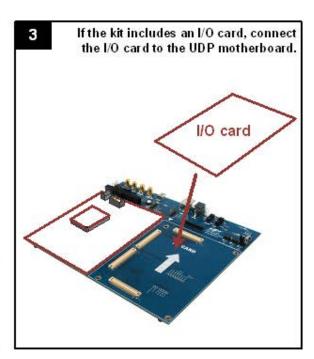


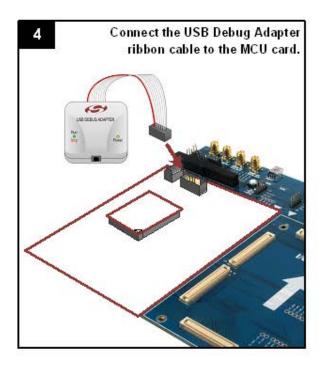


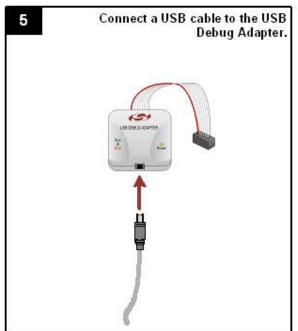
## Hardware Setup with the UDP Motherboard

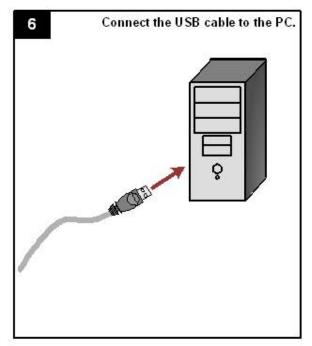


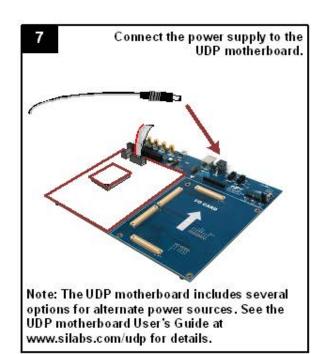


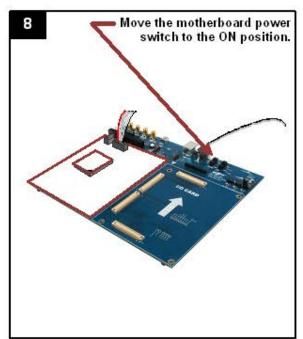






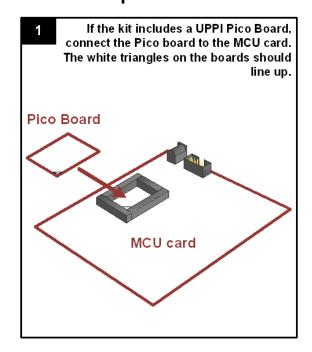


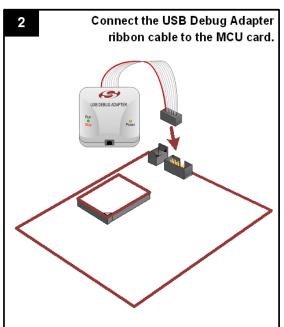


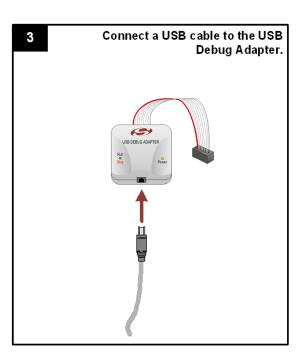


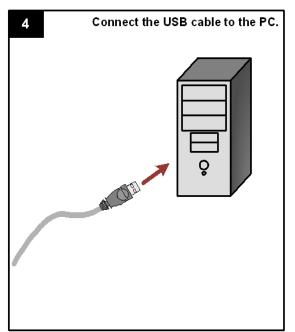
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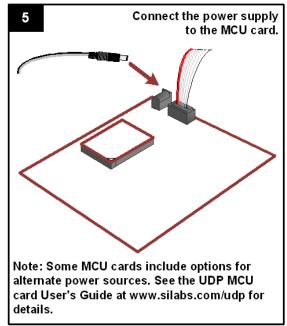
## **Hardware Setup with the MCU Card Alone**



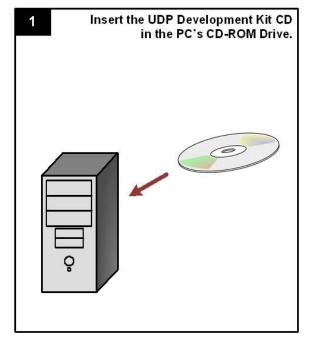






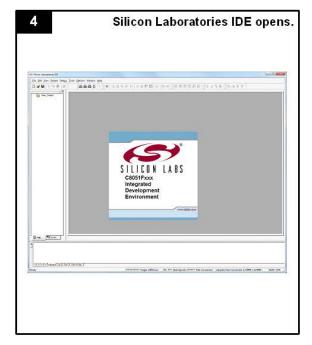


### **Software Installation**







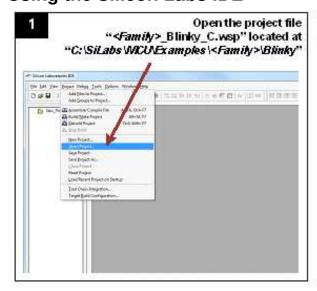


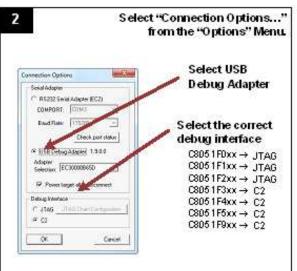


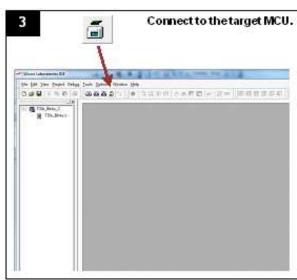
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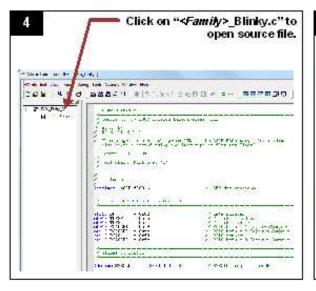
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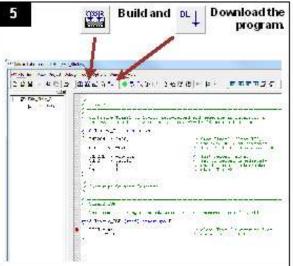
### **Using the Silicon Labs IDE**

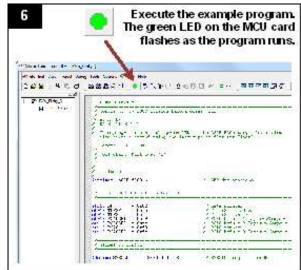


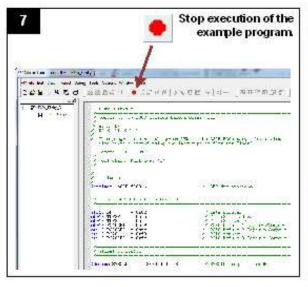


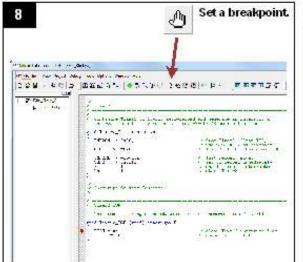


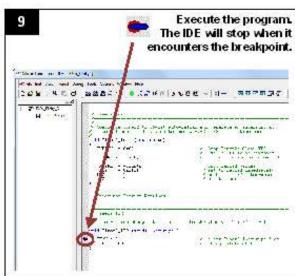


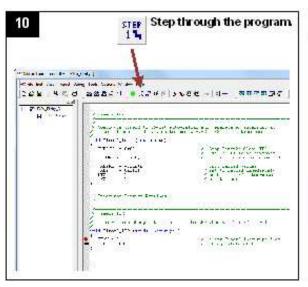


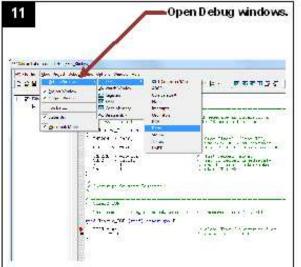


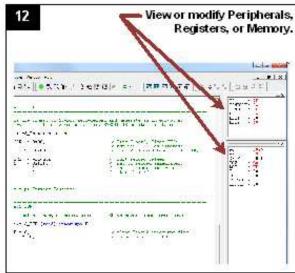












If you are having trouble installing and/or using the development kit, please use the following support resources:

- UDP Motherboard, MCU card, Pico Board, and I/O card User's Guides (www.silabs.com/udp)
- Application Note "AN104: Integrating Keil 8051 Tools Into the Silicon Labs IDE" (contains instructions for obtaining the 4 k limited version of the Keil toolset)
- Latest versions of Application Notes can be found at www.silabs.com/products/microcontroller/applications.asp
- MCU Knowledgebase (available at www.silabs.com → SUPPORT)

4

 $\blacksquare \quad \text{Contact an Applications Engineer using the online information request form (available at www.silabs.com <math>\rightarrow \text{SUPPORT}).$ 

Rev. 0.1