NUC1XX Quick Start Guide for Smpl_CDROM_HID V1.01.001

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1. Introduction

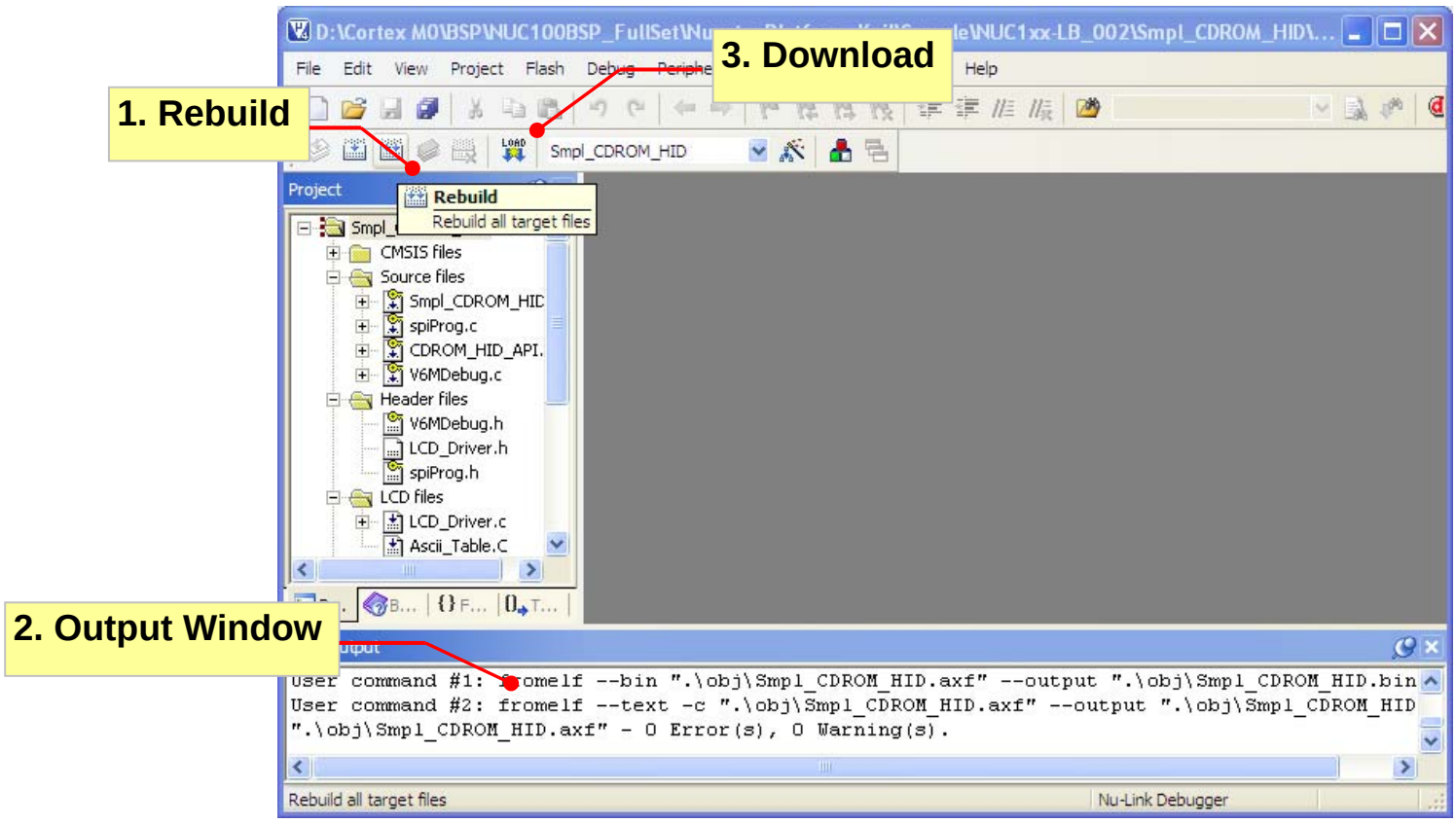
1.1. About the Quick Start Guide

This Quick Start Guide will instruct you on how to use the Smpl_CDROM_HID project sample code based software HID AP.exe tools with the NUC1XX learning board.

2. Quick Start

2.1. Run Smpl_CDROM_HID.uvproj

You can open Smpl_CDROM_HID.uvproj with KEIL UV4 development tool.
Step1： Press the Rebuild icon button to rebuild the project.
Step2： Check the error or warning messages on the output window.
Step3： If it has no error message, you can download it.
Step4： Reset the target chip.

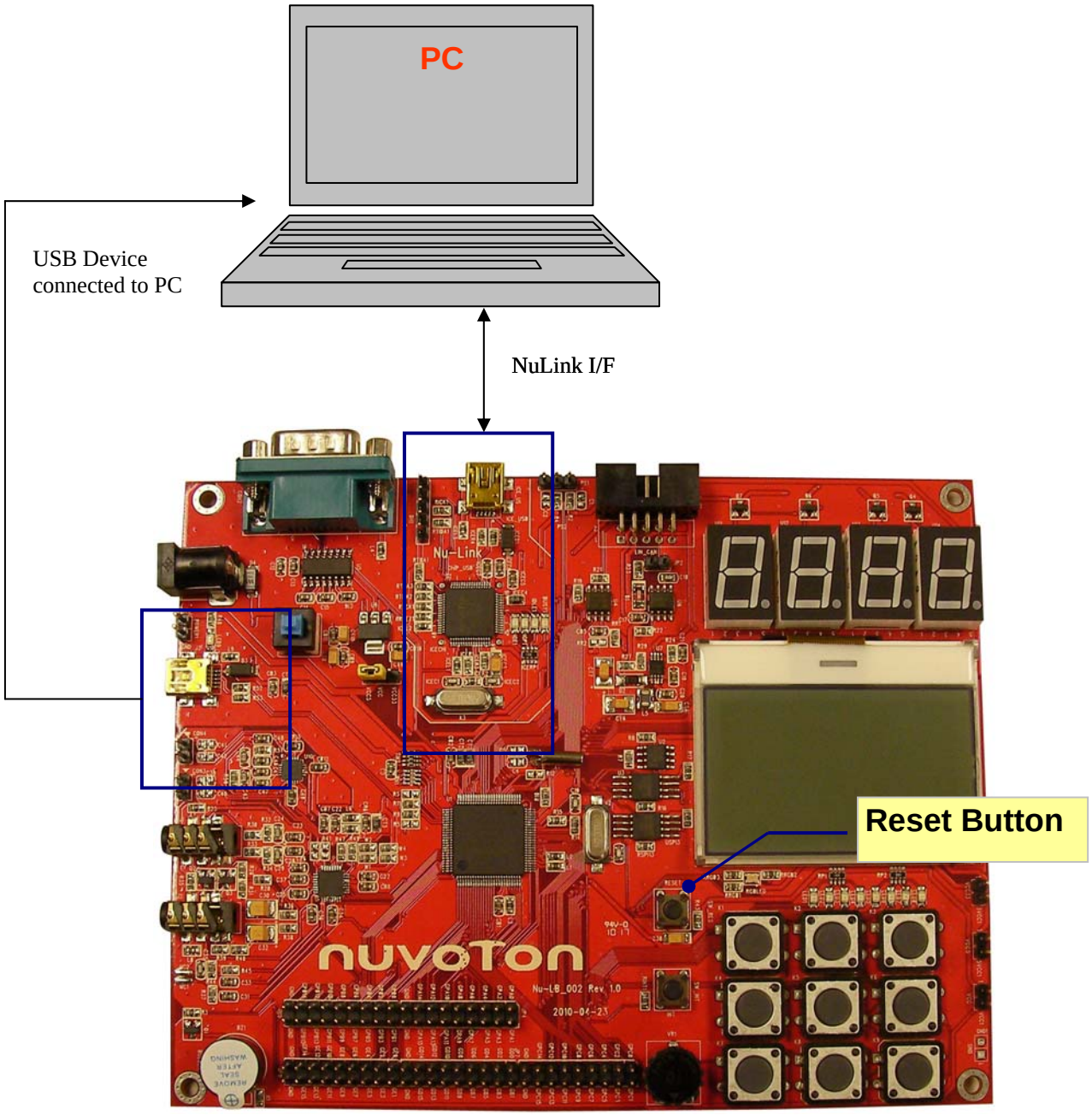


2.2. Connecting to your target

The target is powered via your PC, through its USB port or 5 volt DC adaptor. The Nu-LINK debugger of adapter connects the USB port of your PC to the

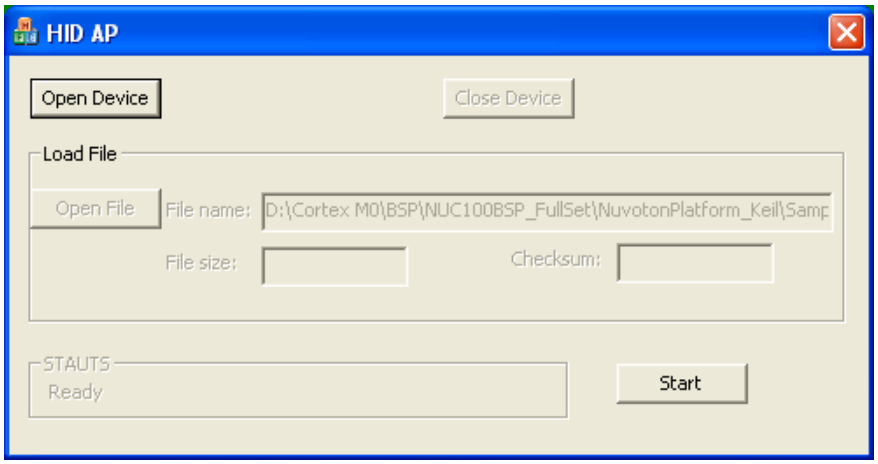
Serial Wire Debug (SWD) port of your target board allowing you to download and debug embedded programs running on your target hardware.

55BThe Nu-Link Debugger connects to the NUC1xx using the USB cable.



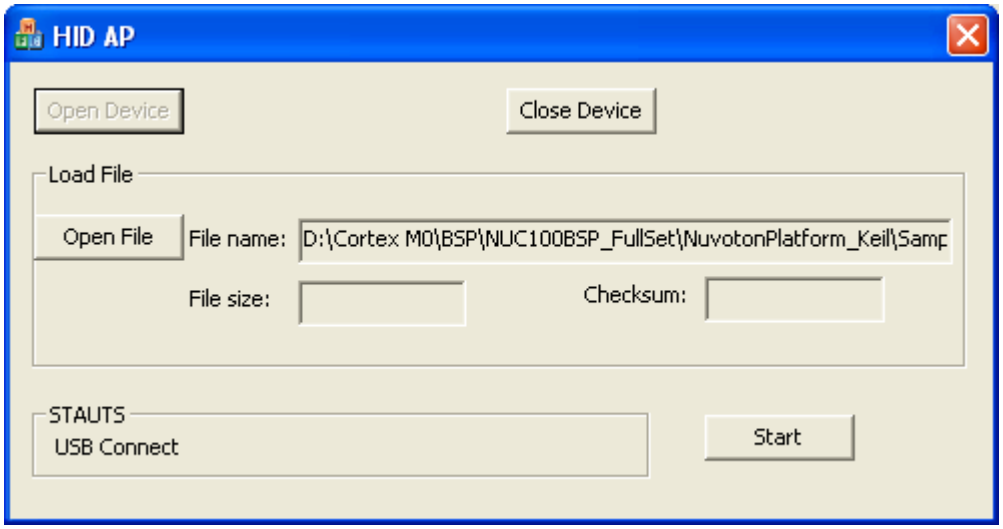
2.3. Run HID AP.exe

- **Step 1**: Run HID AP.exe and you can see the HID AP window.

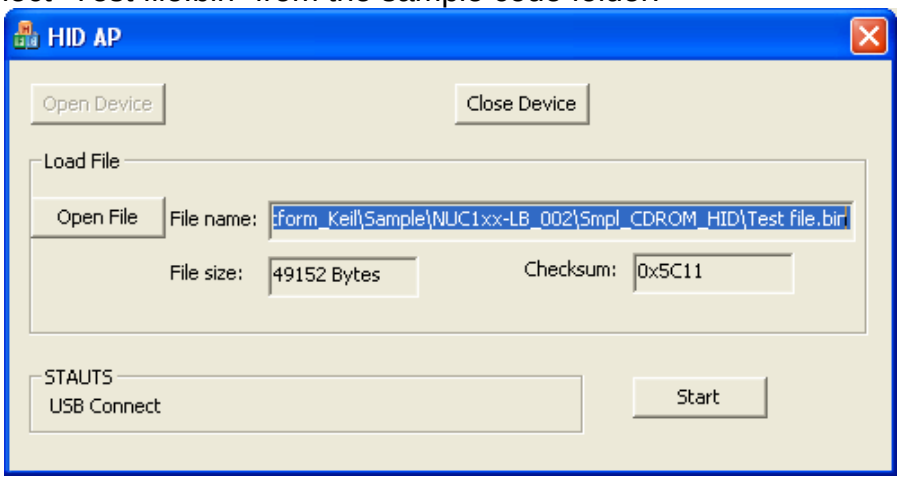


HID AP.exe

- **Step 2**: Please to check the hardware ready (See 2.2 Connecting to your target). Press the “Open Device” button and tool can to load file or start to download file. And status is “USB Connet”.

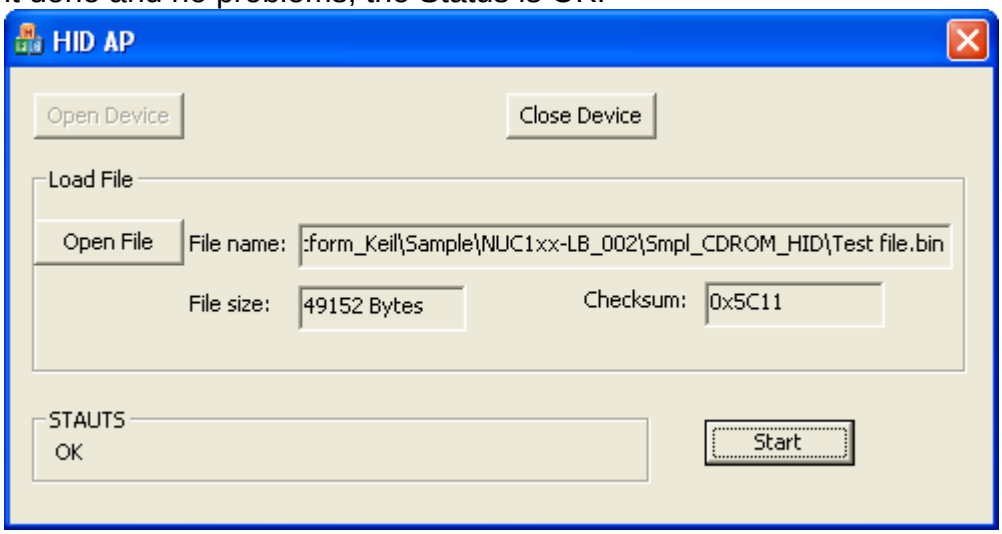


- **Step 3**: Select “Test file.bin” from the sample code folder.

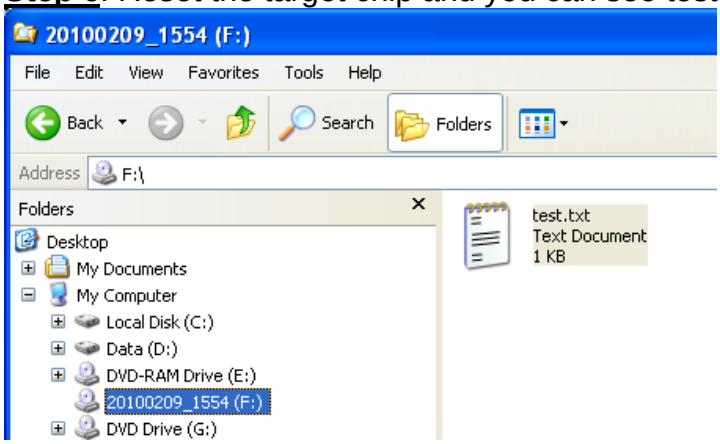


Test file.bin

- **Step 4**: Press the "Start" button to program code into SPI FLASH on the learning board. Waiting on the 20 seconds for downloading. If programmed it done and no problems, the Status is OK.



- **Step 5**: Press "Close Device" button to close USB pipe.
- **Step 6**: Reset the target chip and you can see test.txt in the CDROM disk.



3.Revision History

Version	Date	Description
V1.01.001	Mar. 9, 2011	● Created

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