

Introduction

This sample code demonstrates how to use USB CCID.

Applicable products:

Product series	AT32F413xx
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List of major peripherals used:

Peripherals	USB
	USART

1 Quick start

1.1 Hardware resources

- 1) AT-START evaluation board (AT32F413xx)
- 2) USART is connected to Smart card

1.2 Software resources

- at32f413_usb_ccid_demo

1.3 Example case

Through software:

Open a corresponding usb_ccid_demo project (utilities\ccid), compile and download it to evaluation board

- Connect USART to smart card
- Connect USB to PC

2 Revision history

Table 1. Document revision history

Date	Revision	Changes
2022.11.18	2.0.0	Initial release

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