

AT32F403A USB Audio Full-duplex

SC0067

Sample Code

AT32F403A USB Audio Full-duplex

Introduction

This sample code demonstrates USB audio full-duplex over I2S.

Applicable products:

Part number AT32F403Axx

List of peripherals:

Main peripherals	USB
	GPIO/I2S/DMA/I2C



1 Application method

1.1 Hardware requirements

- 1) AT-START-F403A V1.0 evaluation board
- 2) AT32_Audio_EV_V2.0

1.2 Software requirements

- 1) SourceCode
 - AT32F403A_USB_Audio_full-duplex

Note: All projects are built around keil 5. If users want to use them in other compiling environments, please refer to AT32xx_Firmware_Library_V2.x.x\[project\at_start_xxx\templates (such as IAR6/7, keil 4/5) for a simple change.

1.3 Example of application

- 1) Open AT32F403A_USB_Audio_full-duplex and download to the evaluation board;
- 2) Connect the on-board USB to the host.

2021.12.13 2 Ver 2.0.0



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2 Revision history

Table 1. Document revision history

Date	Version	Revision note
2021.12.13	2.0.0	Initial release.



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