

Introduction

This sample code demonstrates how to use AT32F435/437 to realize DFU demo, which can be applied to other series in a similar way.

Note: The corresponding code in this application note is developed on the basis of V2.x.x BSP provided by Artery. For other versions of BSP, please pay attention to the differences in usage.

Applicable products:

Part number	AT32F435xx
	AT32F437xx

List of peripherals:

Main peripheral	OTGFS
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1 Application method

1.1 Hardware requirements

- 1) AT-START-F437 V1.0 evaluation board (or the corresponding evaluation board of other series)

1.2 Software requirements

- 1) SourceCode
 - AT32F435_437_DFU_Demo source code; Demo occupies 32 KB storage memory for DFU program, by default, and the default start address of APP is 0x08008000. Press and hold User button during reset to enter DFU mode.
- 2) Tool
 - Artery_DFUIAP_Programmer host computer program
 - Artery_DFUIAP_DriverInstall DFU driver installer: Connect to DFU device firstly and then run this installer.

Note: All projects are built around keil 5. If users want to use them in other compiling environments, please refer to BSP_V2.x.x\project\xxx\template (such as IAR6/7/8, keil 4/5) for a simple change.

1.3 Example of application

- 1) Unzip *AT32F435_437_DFU_Demo* package, and then download to the evaluation board through the Artery_DFUIAP_Programmer.

2 Revision history

Table 1. Document revision history

Date	Version	Revision note
2022.03.23	2.0.0	Initial release.

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