

Introduction

This sample code demonstrates how to use USB to instantiate UVC Camera.

Note: This sample code is written based on Artery's V2.x.x BSP. For other versions of BSP, users should pay attention to the differences in use.

Applicable products:

Product series	AT32F435 series
	AT32F437 series

List of major peripherals used:

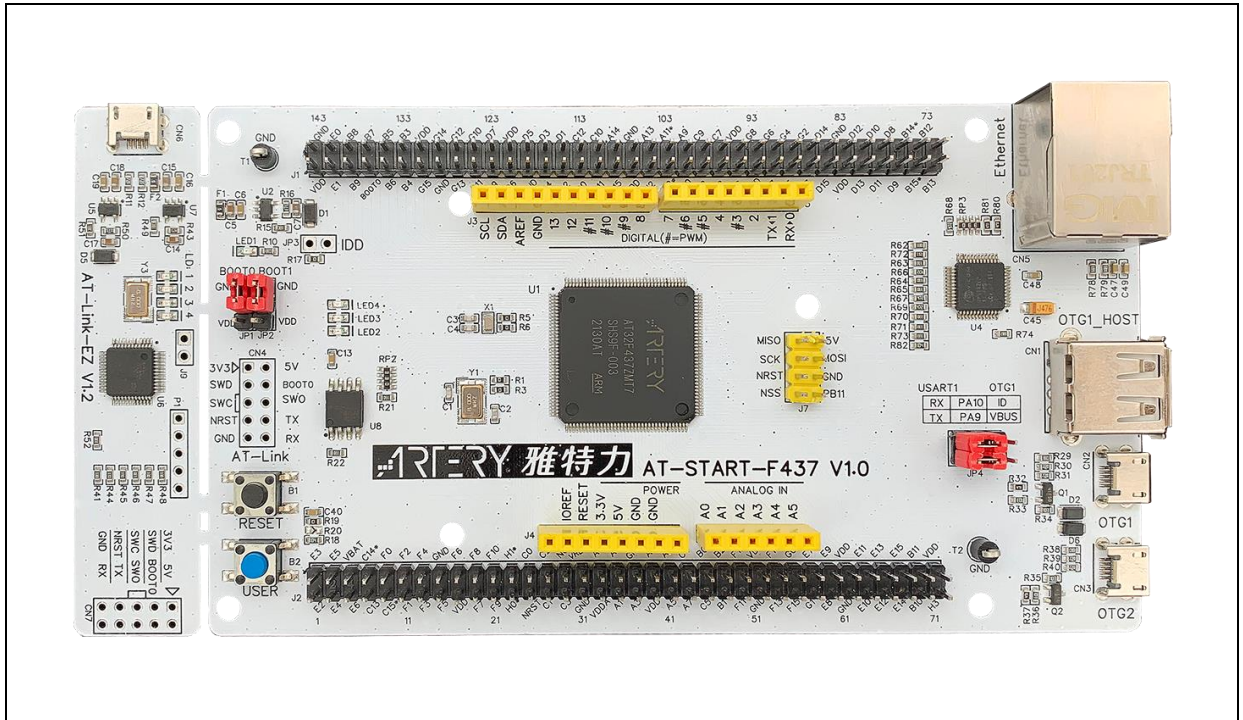
Peripherals	OTG
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1 Quick start

1.1 Hardware resources

- 1) AT-START-F437/435 V1.x evaluation board, Figure 1 is AT32F437 board

Figure 1. AT-START-F437 V1.0 evaluation board



1.2 Software resources

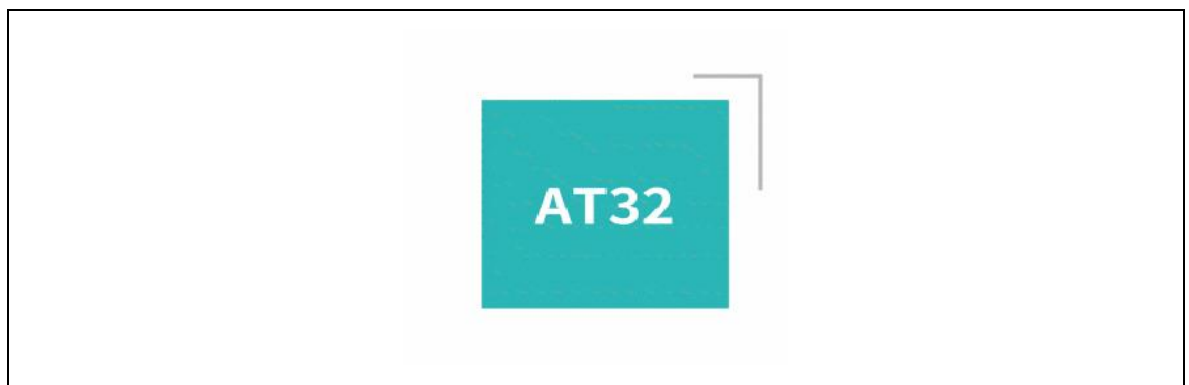
- 1) This sample code includes AT32F437 demo.

As this demo uses JPG format-based pictures, it is necessary to use Flash of 1M or above to run it.

Note: All of projects are built based on Keil 5. For the need to run in other compiling environments, user can make simple adjustments according to AT32xxx_Firmware_Library_V2.x.x\project\at_start_xxx\templates.

1.3 Example case

- 1) Open SourceCode\SC0115_SourceCode_V2.0.0\utilities\uvc_camera\mdk_v5,
- 2) Compile and download it to the evaluation board
- 3) Connect to PC
- 4) Check out pictures through camera on PC



2 Revision history

Table 1. Document revision history

Date	Revision	Changes
2023.04.23	2.0.0	Initial release

