

Introduction

This example code demonstrates how to use WWDT in AT32F4xx series.

Applicable products:

Product series	AT32Fxx series
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List of major peripherals used:

Peripherals	WWDT
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1 Quick start

1.1 Hardware resources

AT-START-F403A V1.0 evaluation board

1.2 Software resources

1. This Demo is based on AT32F403A, and AT32F403A_407_Firmware_Library_V2.x.x (BSP version)
2. After reset, program will set and enable WWDT, and continuously feed the watchdog in main loop to avoid WWDT reset. However, Pressing "USER_KEY" can send program into endless loop and make it unable to feed the watchdog so that the watchdog is reset and LED4 will light up accordingly.

1.3 Example case

- 1) After reset, the program will enable WWDT and feed it at the predefined interval;
- 2) Pressing USER_KEY at any time will send the program into endless loop and make it unable to feed the watchdog
- 3) WWDT is reset, the program is re-activated, and LED4 lights up

Table 1. Document revision history

Date	Revision	Changes
2021.12.02	2.0.0	Initial release

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