

FAQ0107

Frequently Asked Questions

How to resolve hardfault issue when using AT32 Pack on M3 core MCU

Questions:

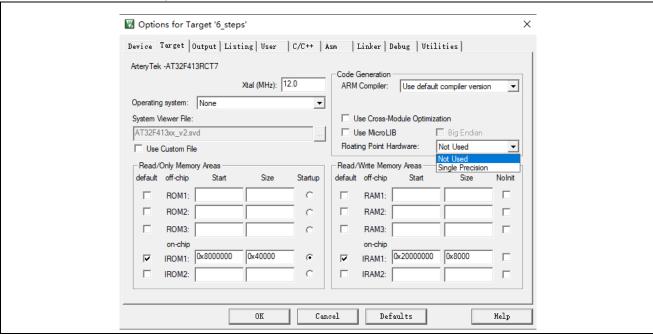
How to address hardfault issue when using AT32 Pack file on other M3-core MCU?

Answer:

The reason for hardfault is that the user uses a non-AT32 M3-core MCU without FPU, while at the same time selecting AT32 Pack file and enabling FPU.

There are two methods here to solve this problem.

Method 1: Disable FPU feature, as shown below:



Method 2: Add FPU-related macro definitions to the "SystemInit" function in the "system_xxxxxxxxx.c" library file, as shown in bold font below.

Type: MCU application

Applicable products: AT32F413, AT32F403, AT32F403A, AT32F407

Main function: FPU
Other function: None





Document revision history

Date	Revision	Changes
2022.2.28	2.0.0	Initial release



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