

MDK-ARM Installation

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 2. Select product
 3. Fill in information
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Since MDK-ARM software is a paid software, we will only demonstrate how to install it, and will not introduce the software usage and activation in detail!

Software offline installation package path: Attachment → Software Tools

1. Software Download

1. Download URL

Keil official website: <https://www.keil.com/>

2. Select product

Download Products: MDK-Arm

3. Fill in information

This content can be filled in at will

4. Download the installation package

2. Software installation

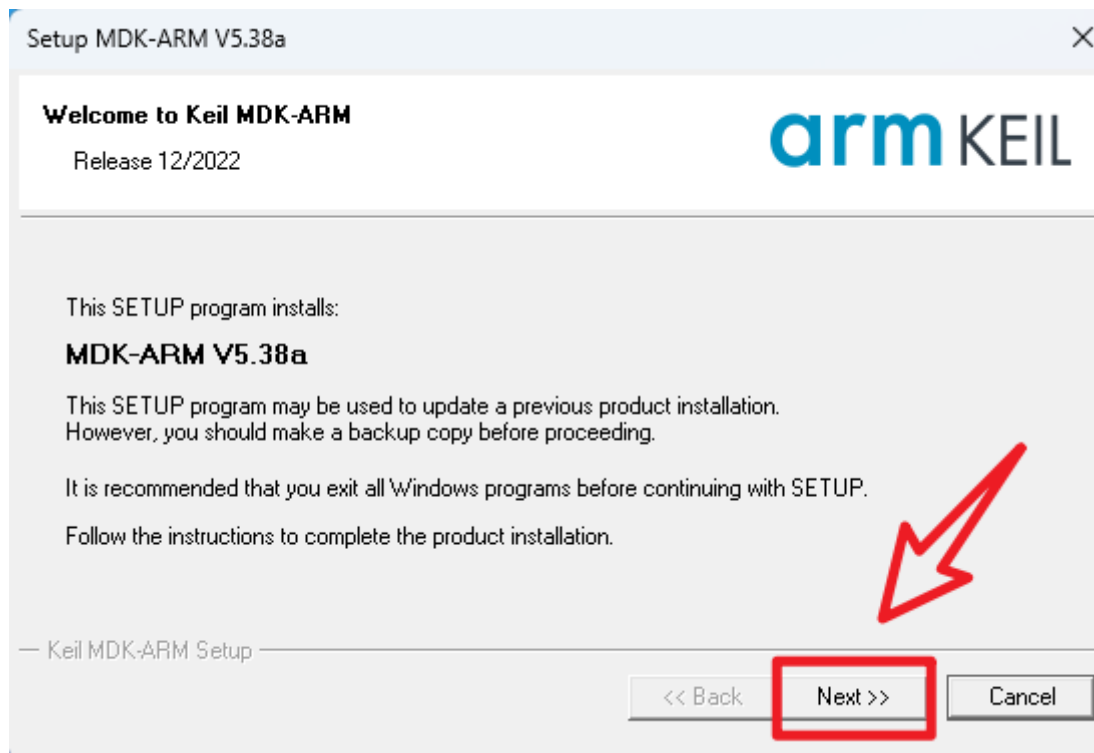
1. Open the installation package

- Administrator

Open the MDK installation package as an administrator.

2. Installation process-settings

- Next

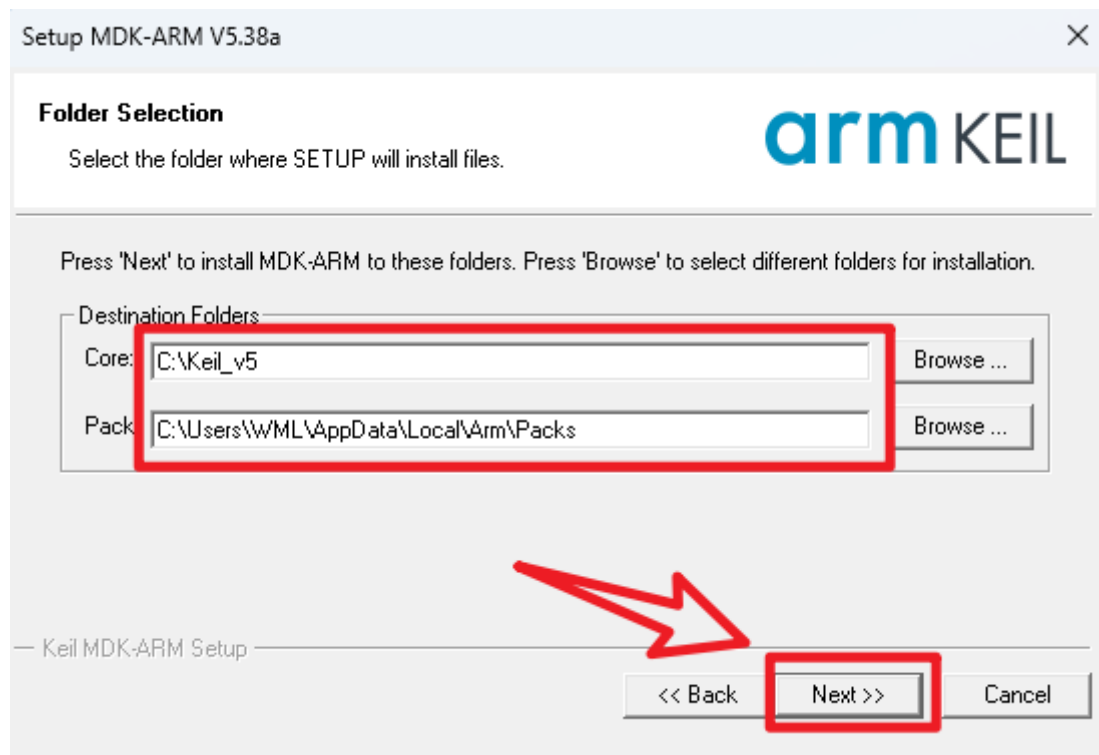


- Check the agreement → Next



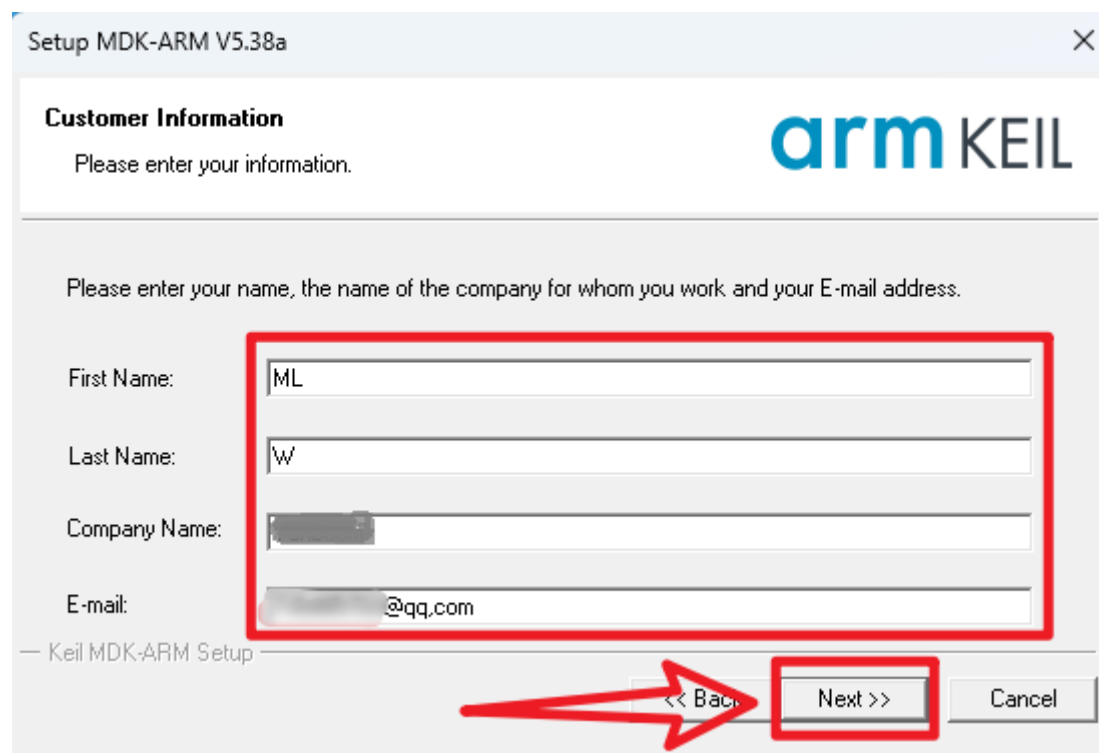
- Installation location → Next

It is recommended to use the system default location

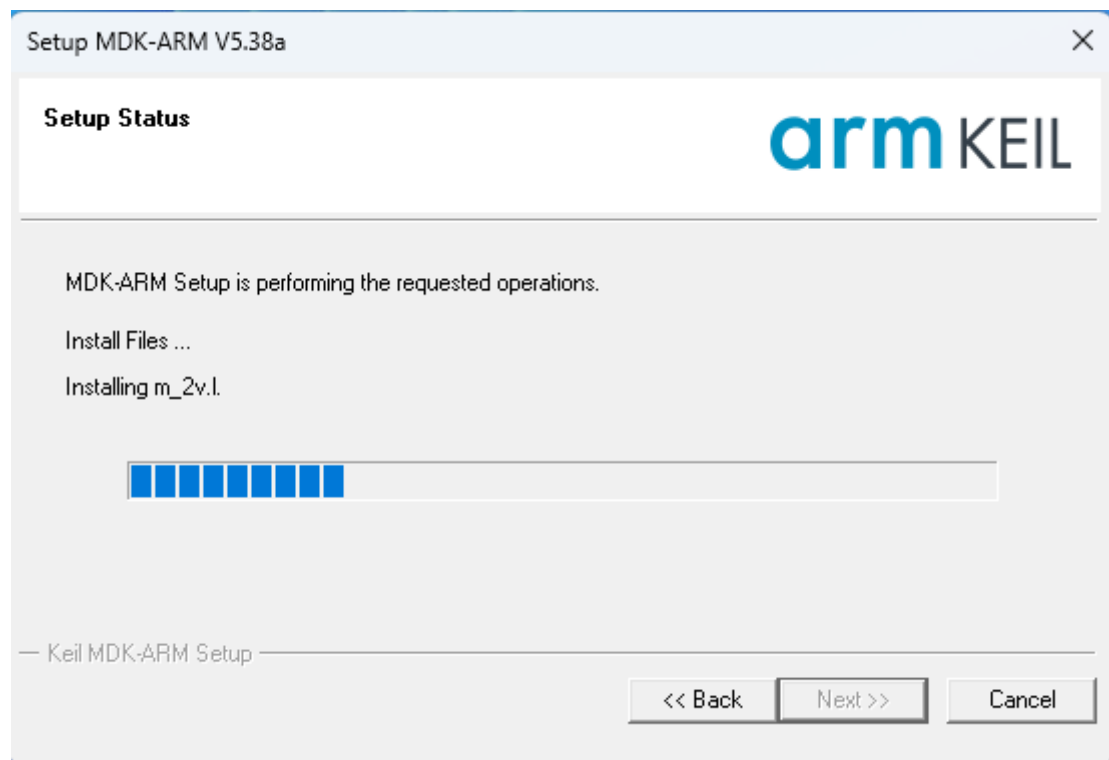


- **User information → Next**

You can fill in as you like



- **Waiting for installation**



This process takes a long time

- ULINKL driver installation
- Installation completed



3. Software configuration

Install the chip package required during development

Tutorial demonstrates how to install the STM32F1xx series chip package

1. Open the application

Left mouse button: Double-click the desktop "Keil uVision5" icon

2. Close the start interface

3. Install the chip support package

- **Pack Installer**

keil software comes with it, loading is very slow, not recommended

Installing: The download and installation progress bar is in the lower right corner of the page

Installation completed: After the installation is completed, the update option "Up to date" will appear

- **Official website download chip package**

Official website address: <https://www.keil.arm.com/devices/>

Search chip package: Search for STM32F103 and click on any chip

Download chip package: Click "STM32F1xx_DFP"

Download the official recommended chip package

Open chip support package: Keil.STM32F1xx_DFP.2.4.1

Install chip support package

Since I have installed the chip support package through the "Pack Installer" option, a replacement prompt will appear during installation

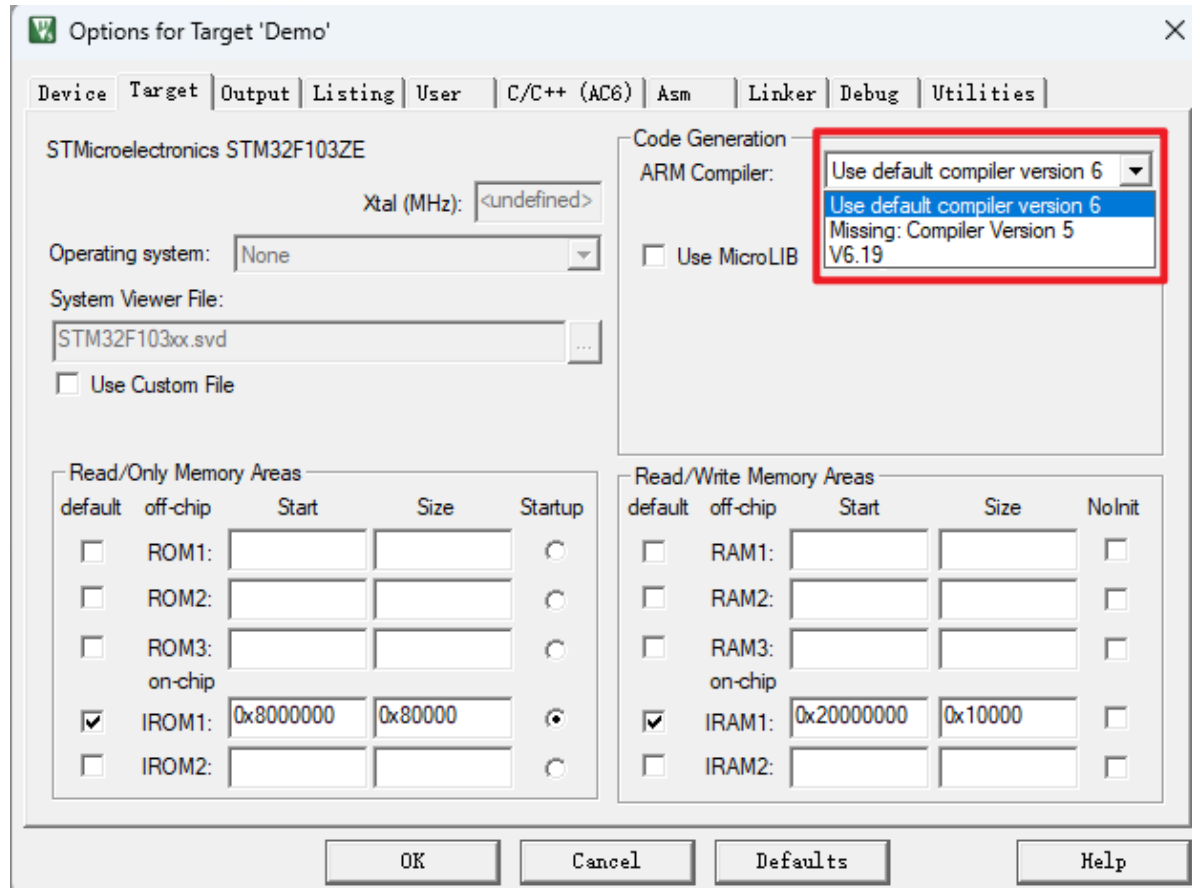
Installation completed



4. ARM Compiler

Starting from MDK5.37, the AC5 (ARMCC) compiler is no longer installed by default and needs to be installed independently.

You need to open a project before you can click this option. You can use the template project provided in the document [Attachment → Source Code Summary] to operate

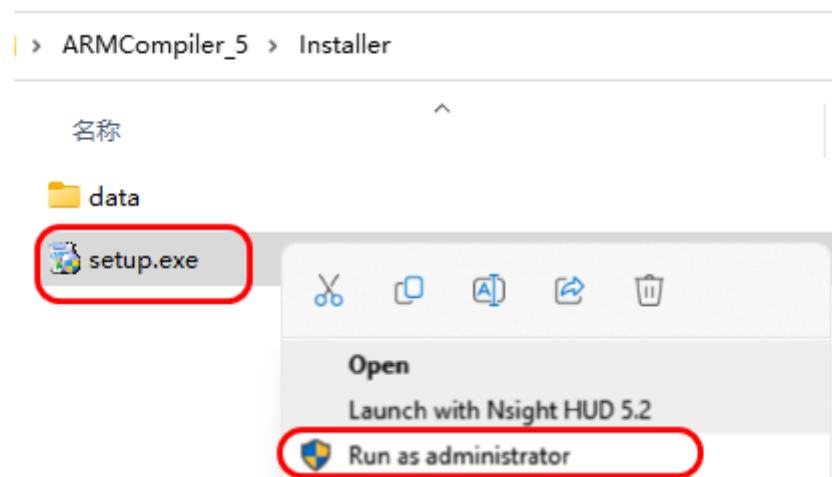


1. Install the compiler

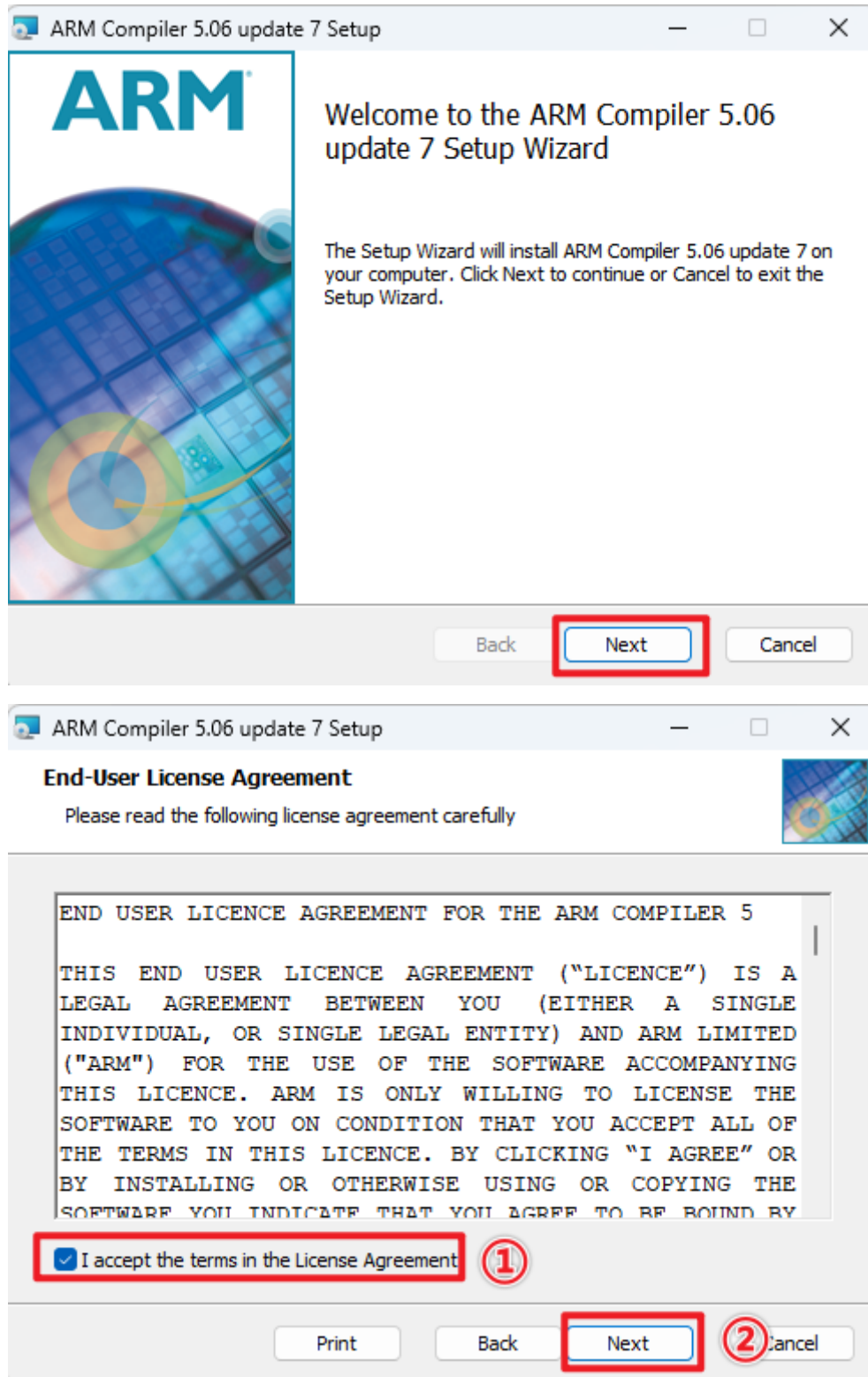
- **Unzip the compressed package**

Unzip the ARMCompiler_5.zip file, the file location is under [Software-Project File] in this chapter

- **Open as Administrator**

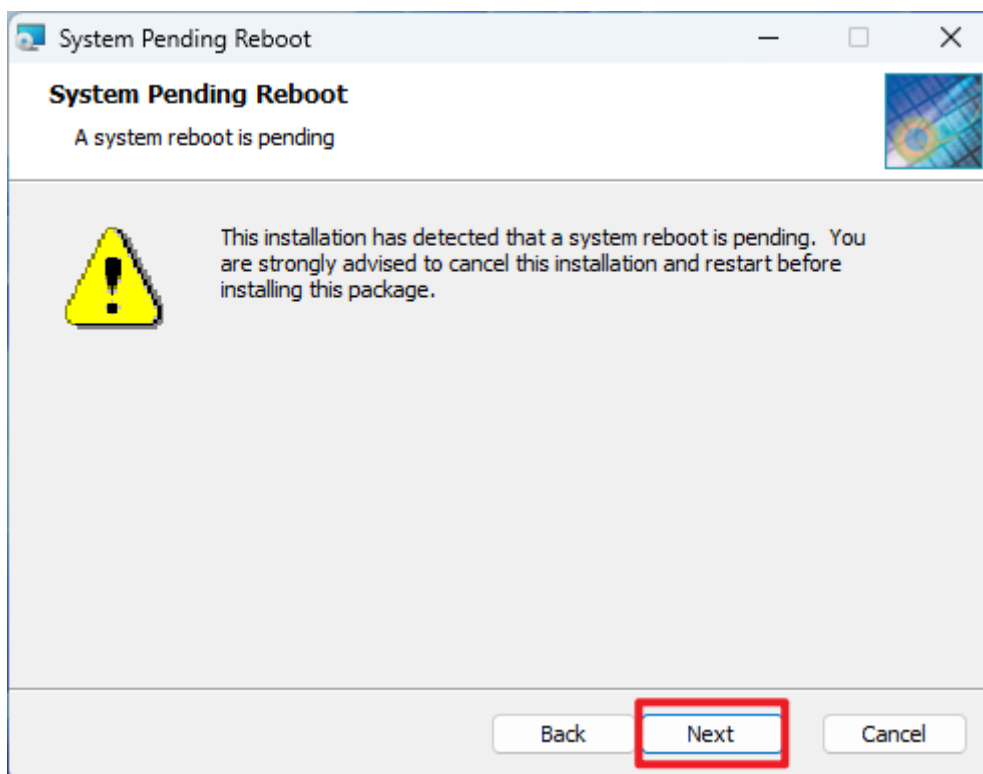
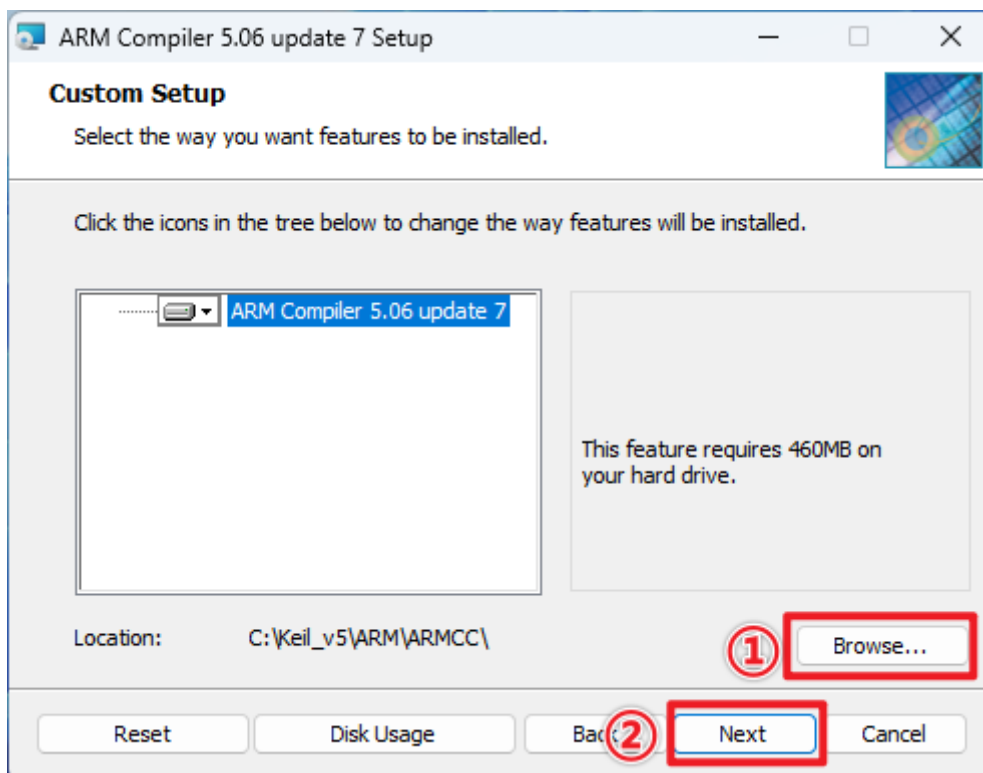


- Next

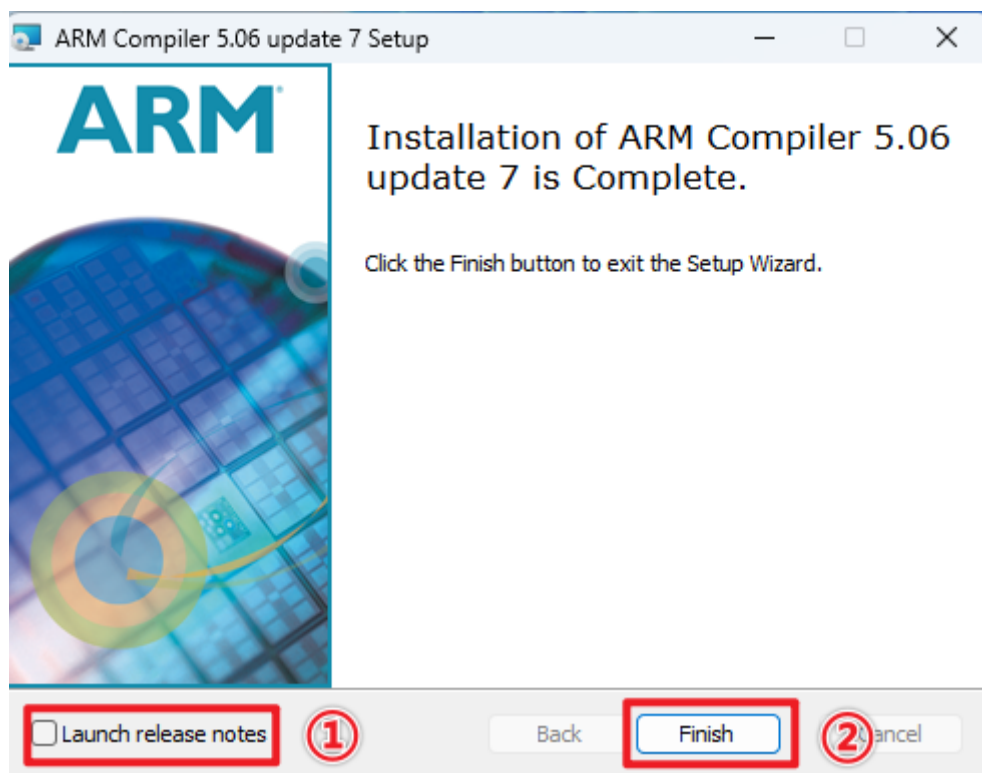
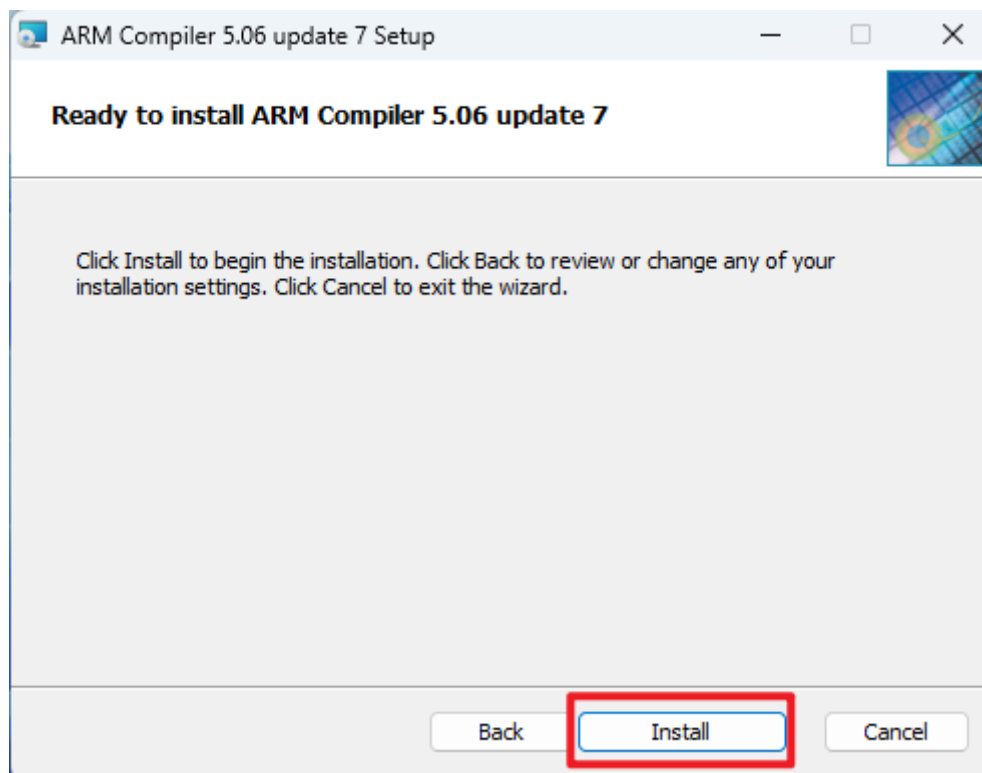


- **Modify the installation location**

Installation location: Create a new ARMCC folder under the C:\Keil_v5\ARM folder and select this folder as the software installation location



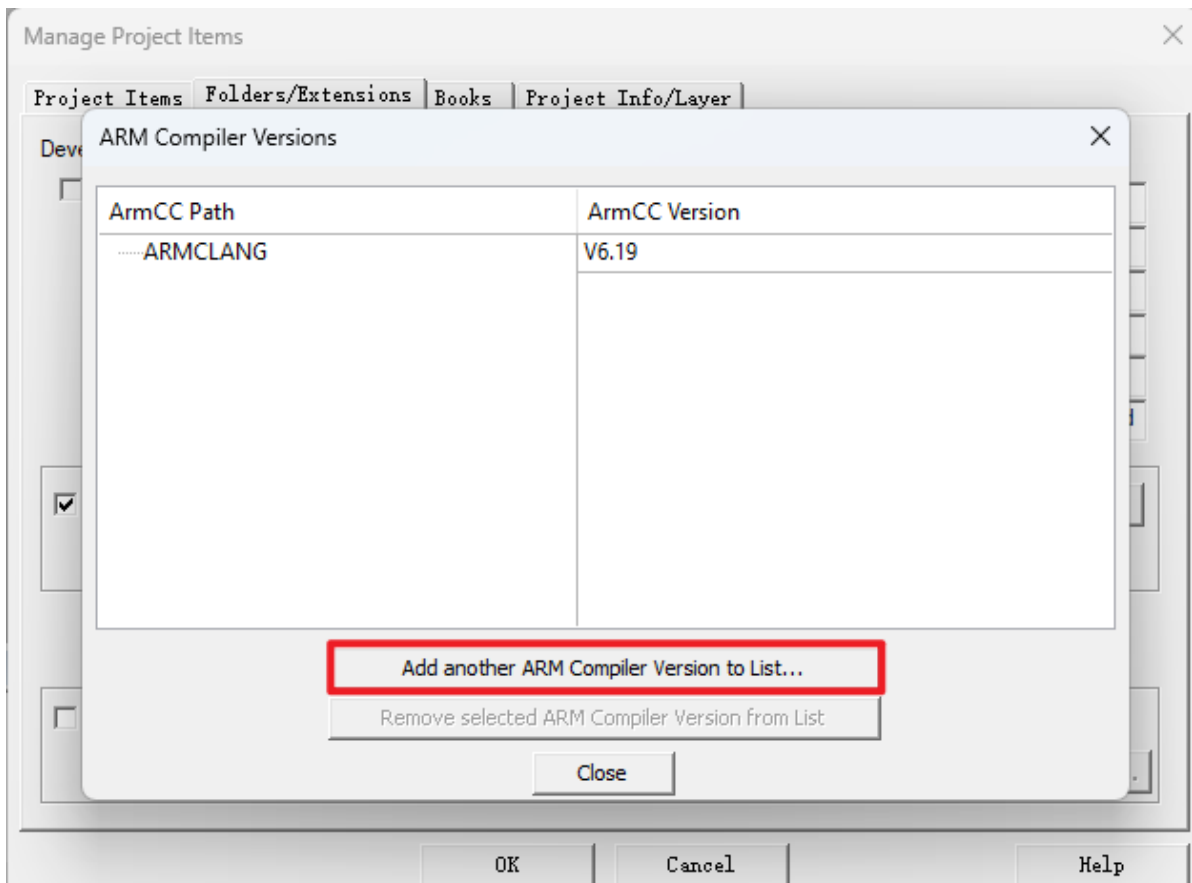
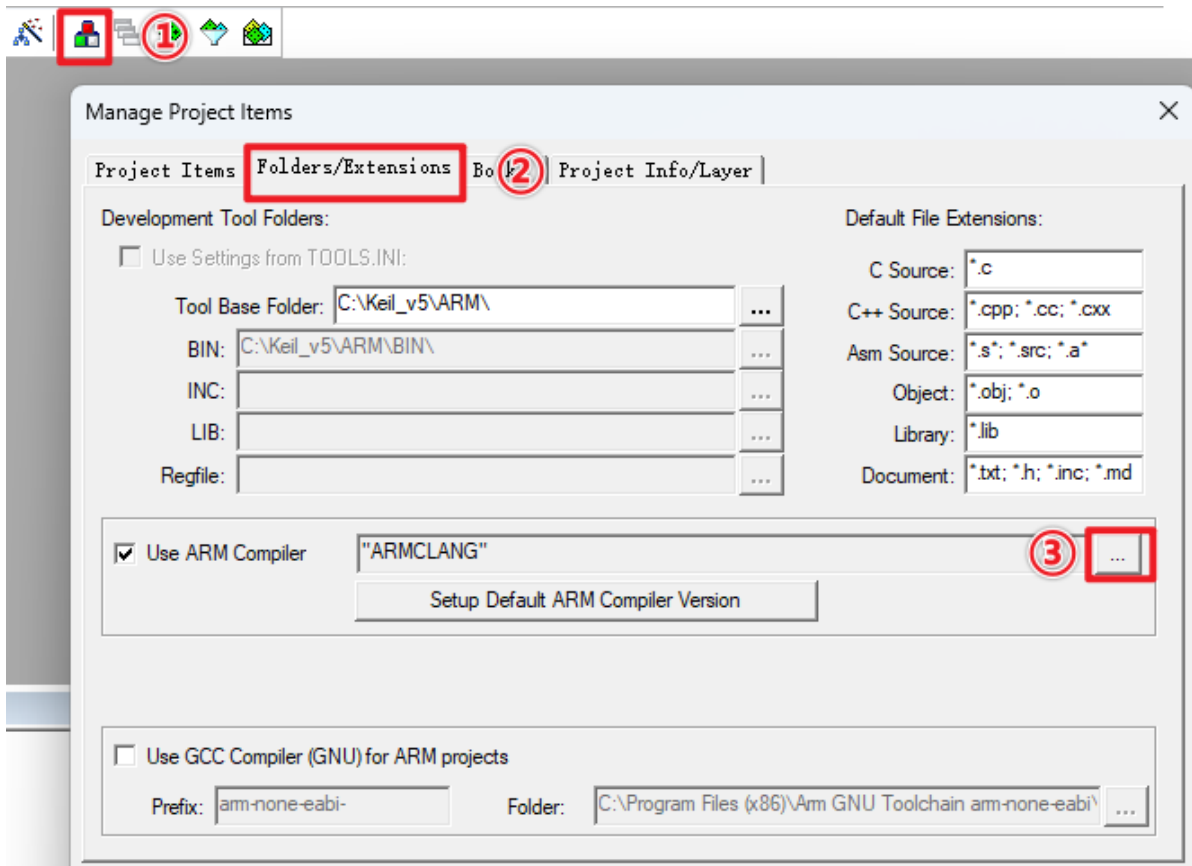
- Installation completed



2. Add compiler

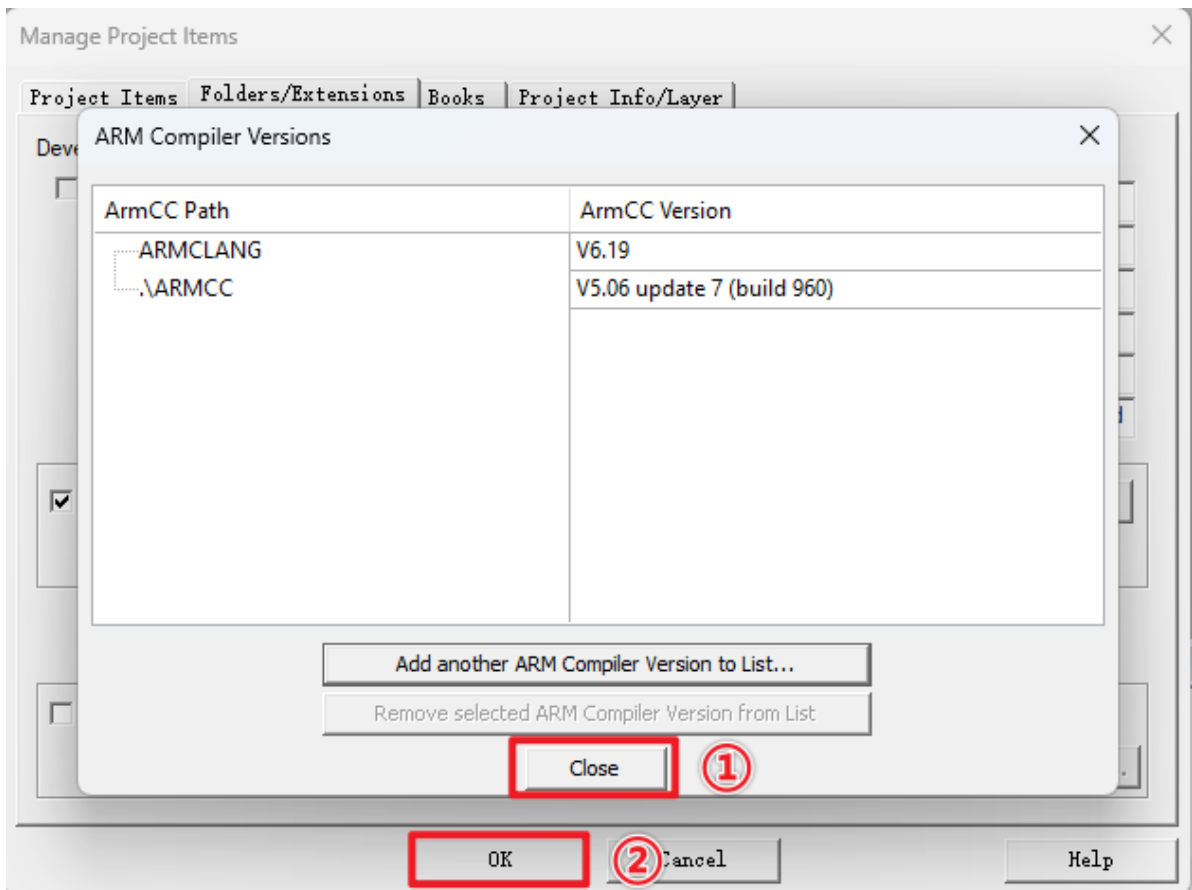
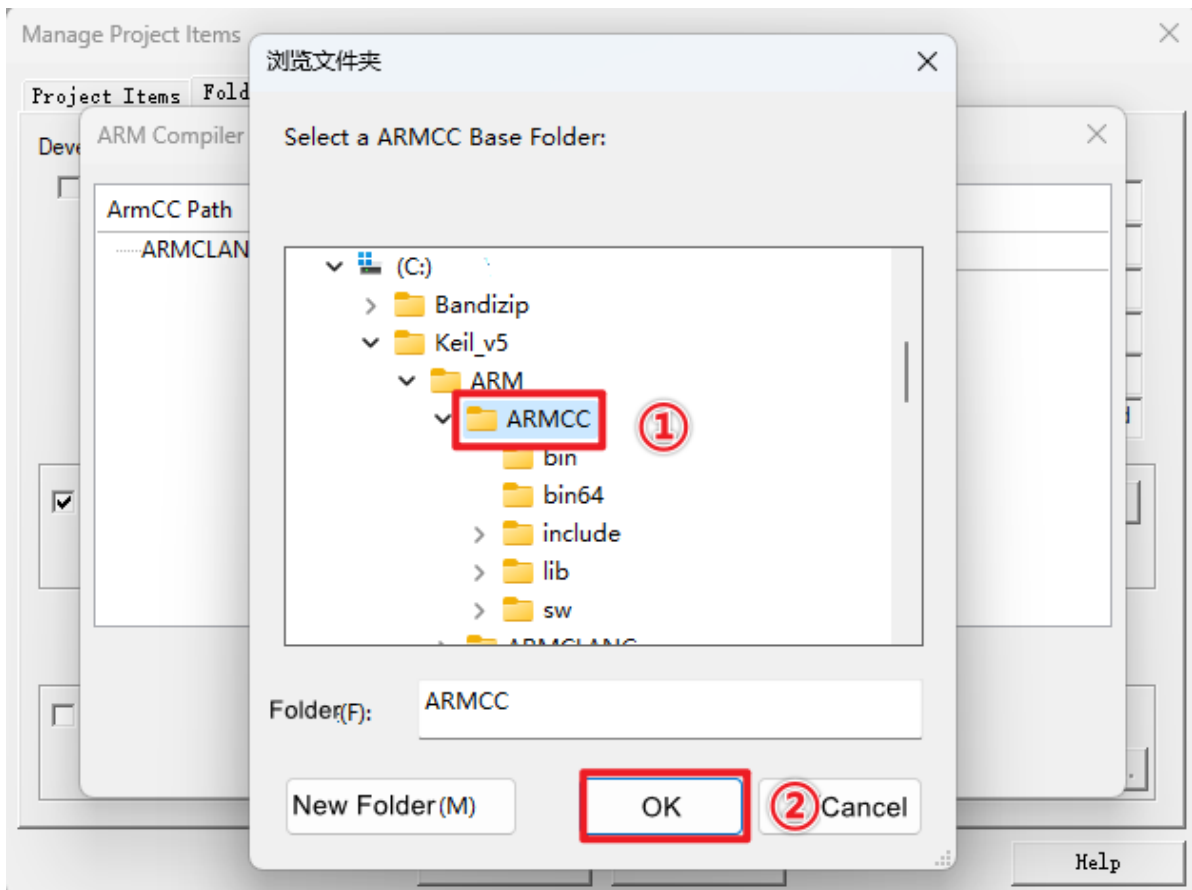
The following operations involve Keil5 software, and you need to open a project; otherwise, the relevant menu options cannot be selected

- **Project management**



- **Compiler path**

Select the location you just installed



3. Verify the installation

If the following options appear, AC5 has been successfully installed!

