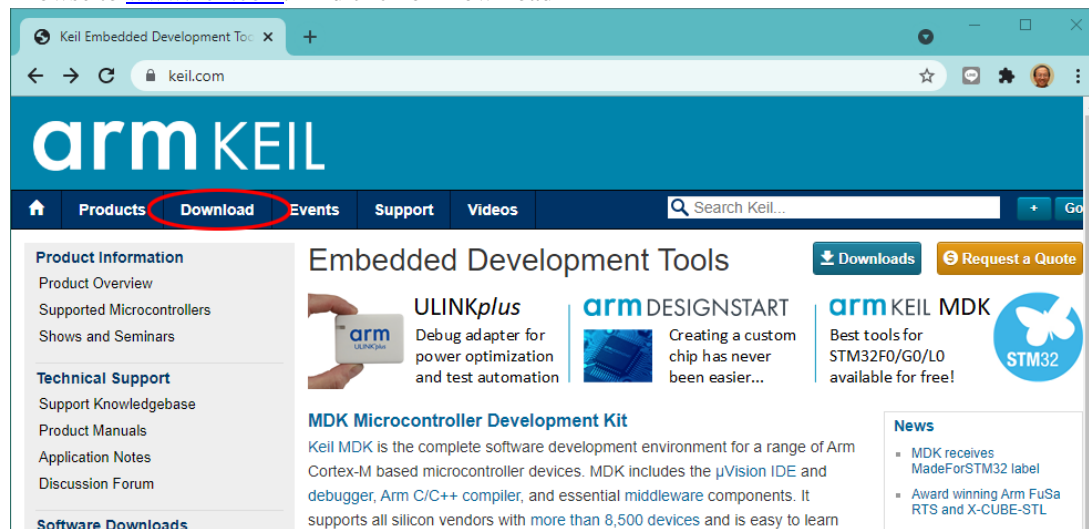# How to Download Keil MDK-ARM Version 5 with Device Family Packs
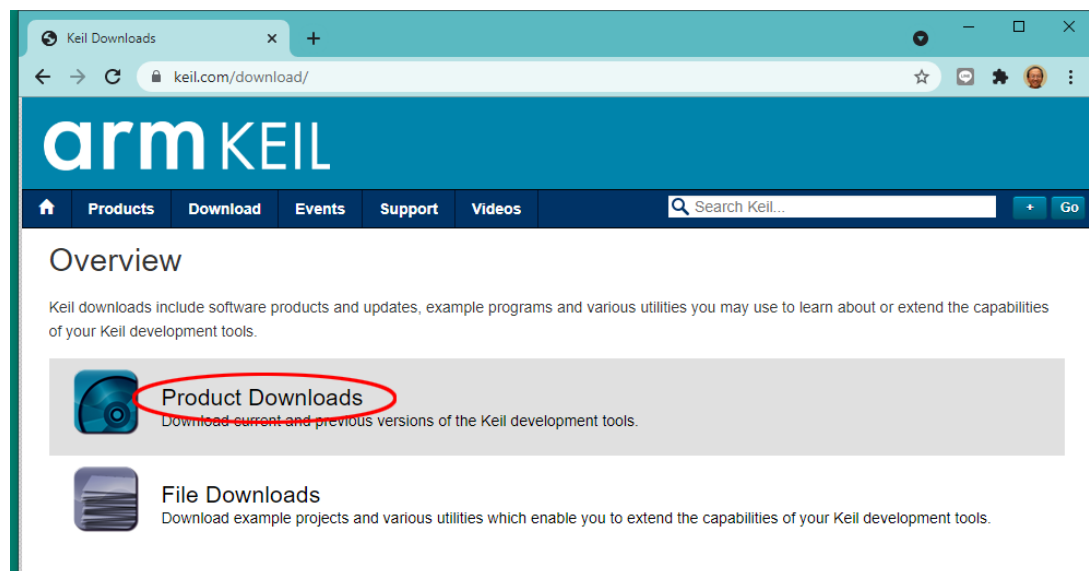
This tutorial is intended for downloading Keil Microcontroller Development Kit for ARM (MDK-ARM) version 5 with Device Family Packs. Starting version 5 the device support software component is separated from the MDK software and called Device Family Packs. This tutorial was written with v5.34.
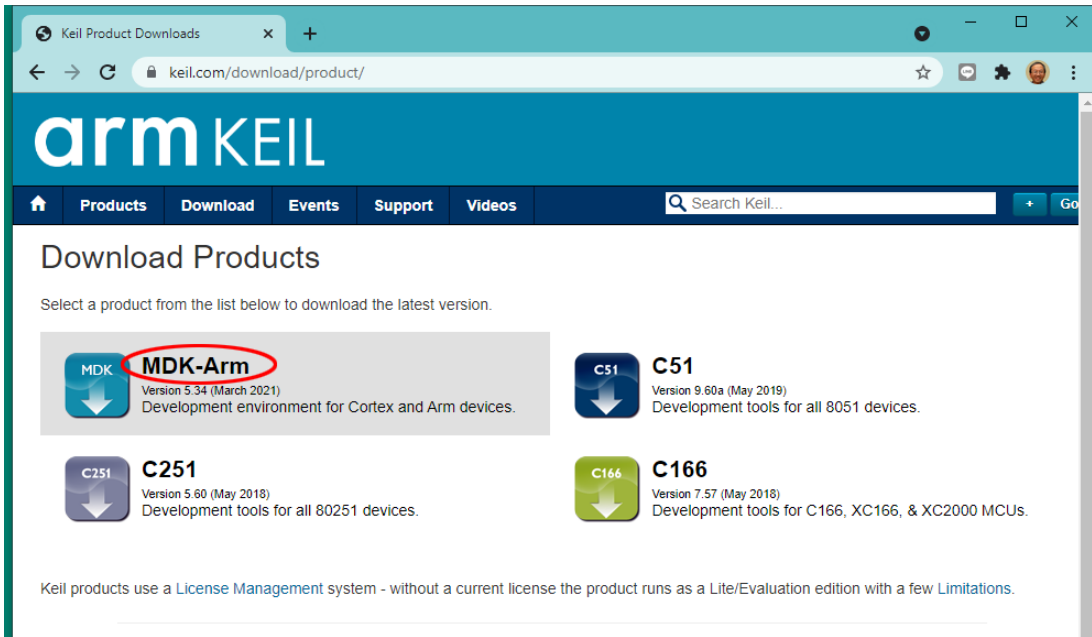
Downloads

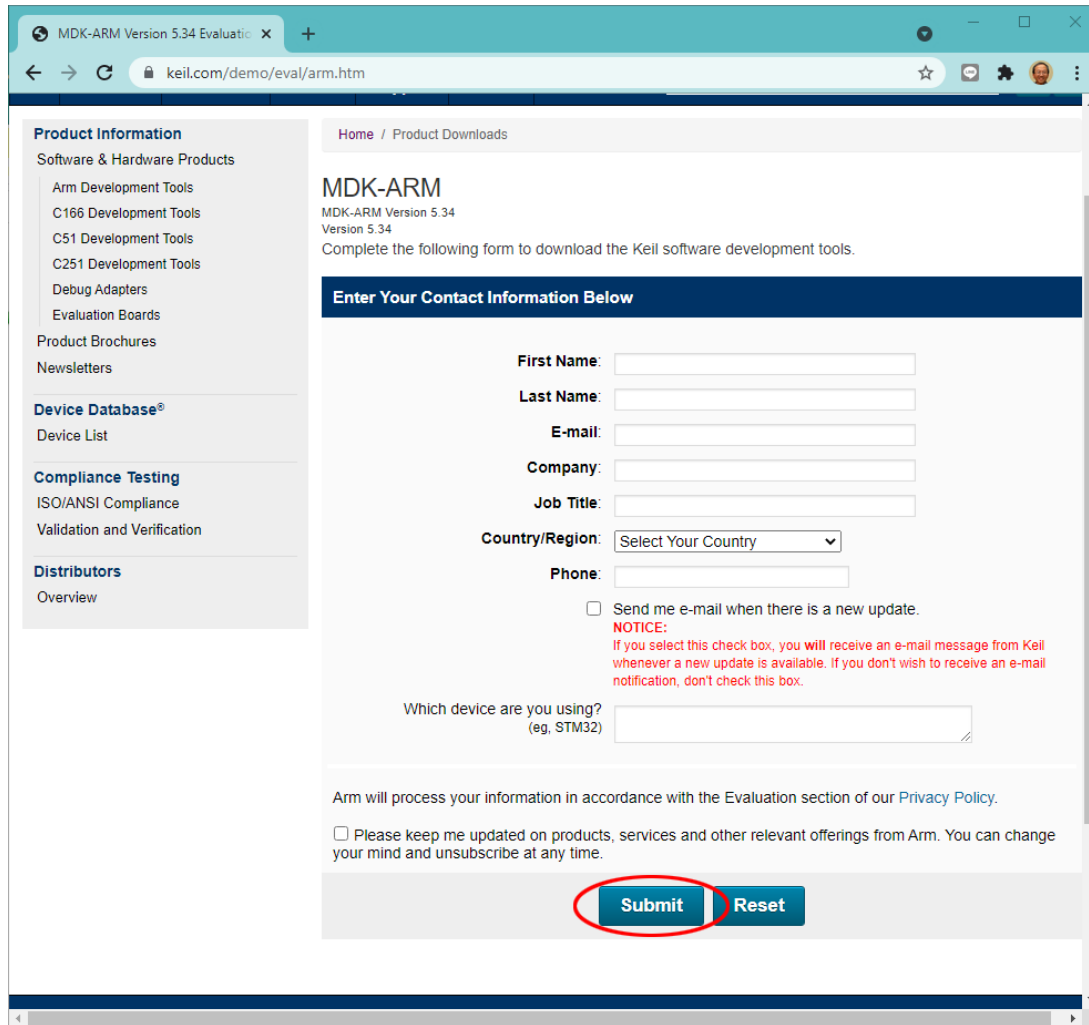1. Browse to www.keil.com. And click on Download.

2. On the next page, click on **Product Downloads**.
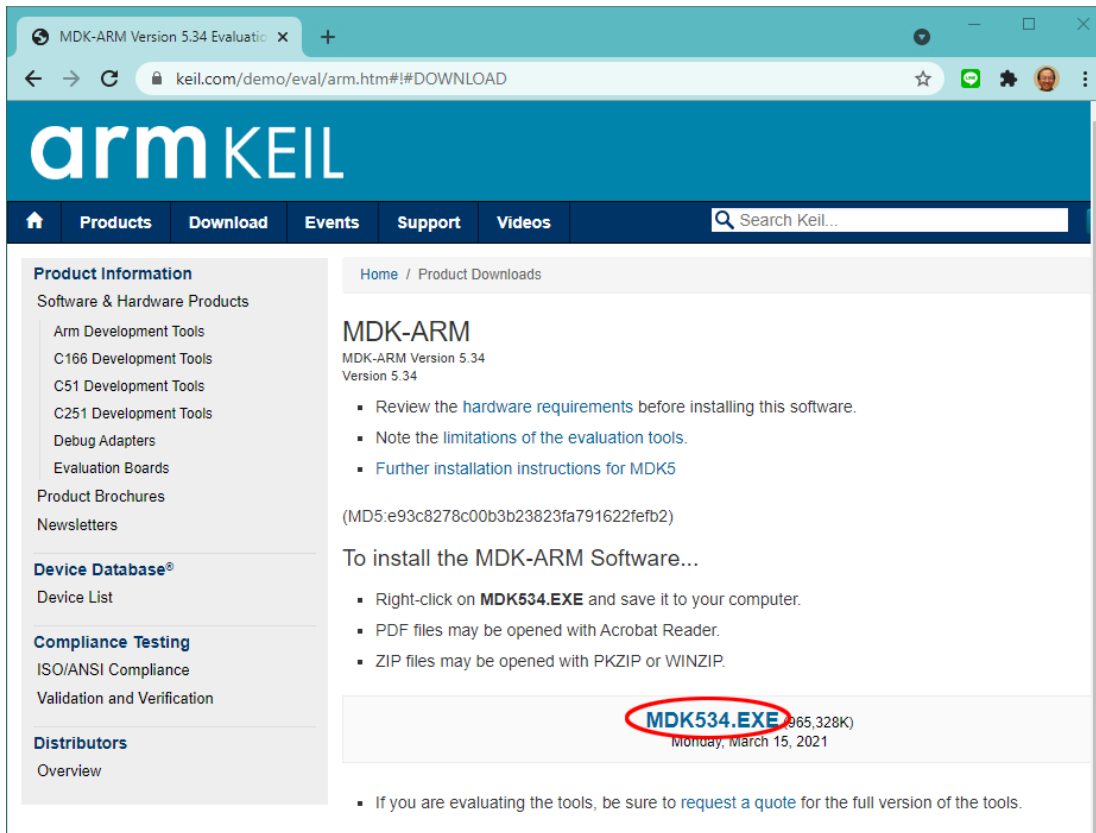

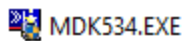3. On the next page, click on **MDK-Arm**.

4. Fill up the form on the page and click **Submit**.

5.   On the next page, click **MDK534.EXE** to download the development software kit. The file is almost 1GB and will take some time to download.
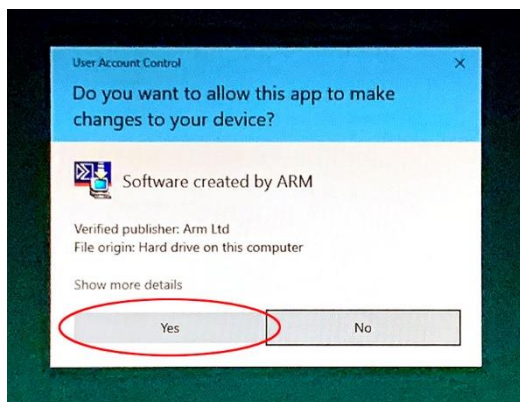
6. After the download is complete, you should see the file in your **Downloads** folder.
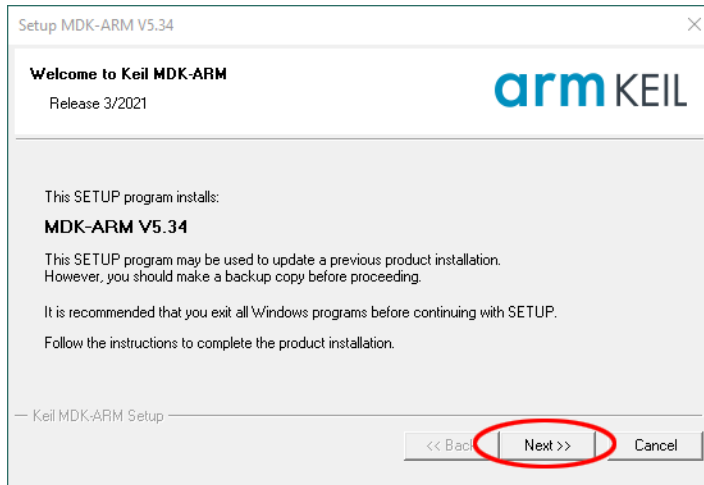

Installation

7. Double click on the icon of MDK534.EXE in the **Downloads** folder. Windows may block the execution and display a warning screen. Click the **Yes** button to proceed.
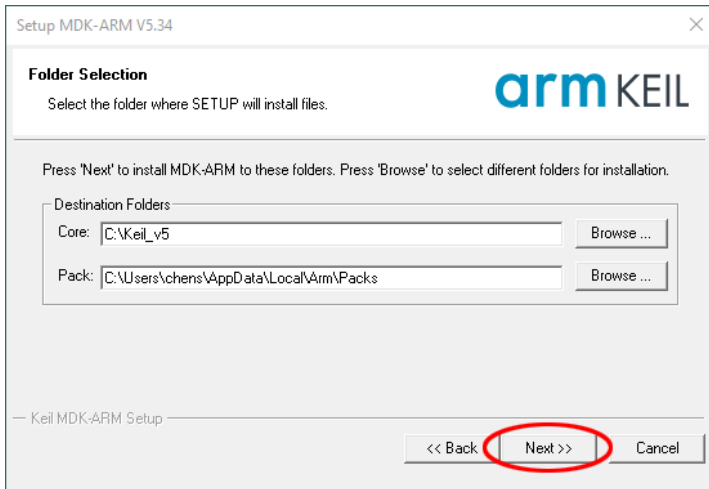
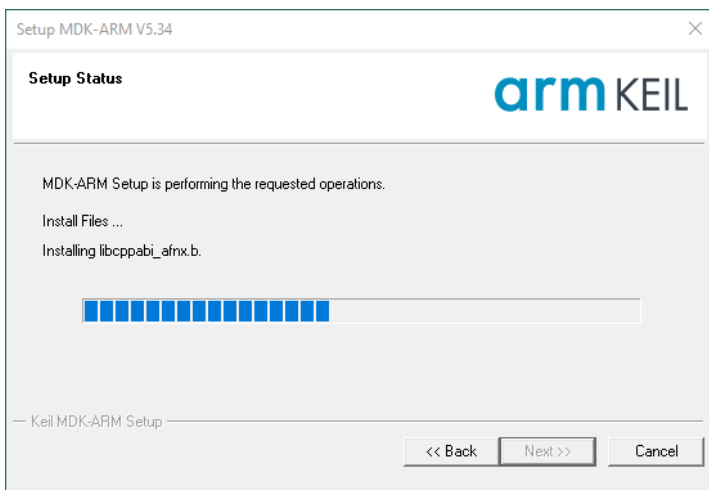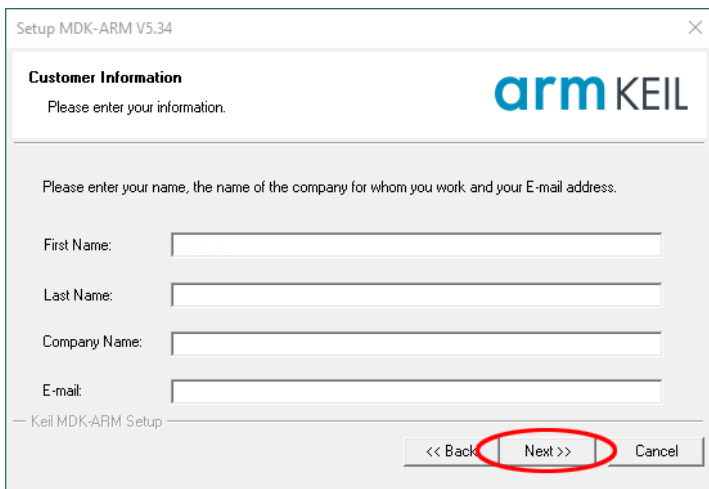8.   When the Welcome dialog box pops up, click the **Next** button.

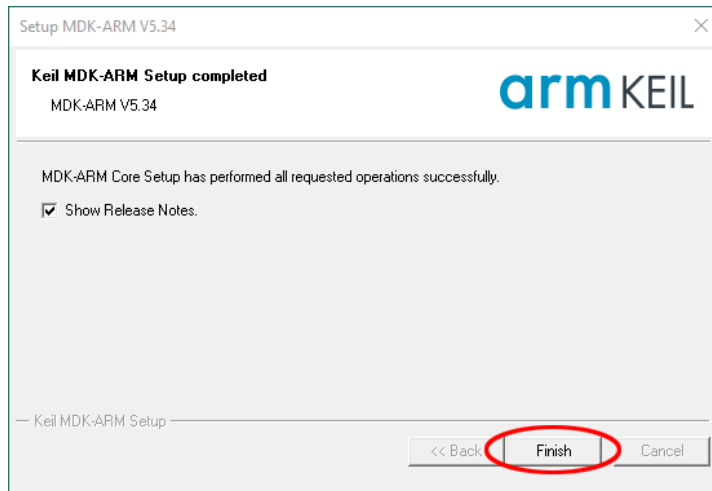9.   In the next License Agreement dialog box, check **I agree …** and click the **Next** button.

10. In the next Folder Selection dialog box, accept the defaults and click the **Next** button.
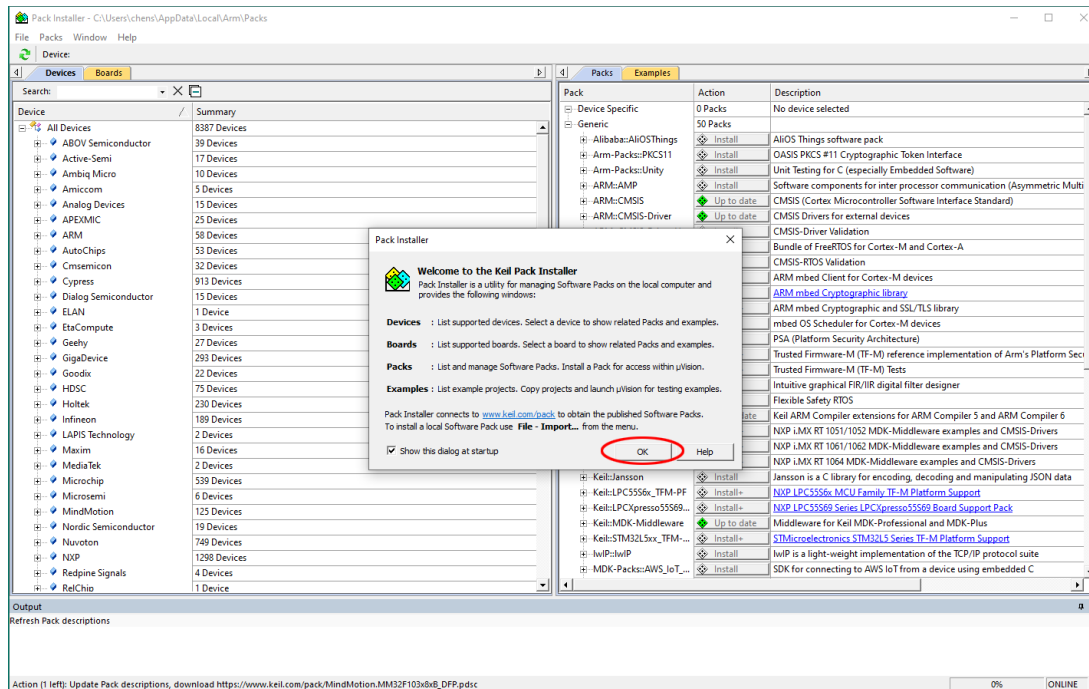
11. In the next Customer Information dialog box, fill the information and click the **Next** button. The installation of MDK and software packs will start.

12. When the installation is complete, this dialog box will appear. Click the **Finish** button.

13. After MDK v5 is installed, it will automatically prompt the user to install the Device Family Packs. After reading the descriptions, click the **OK** button in the smaller dialog box to close it.
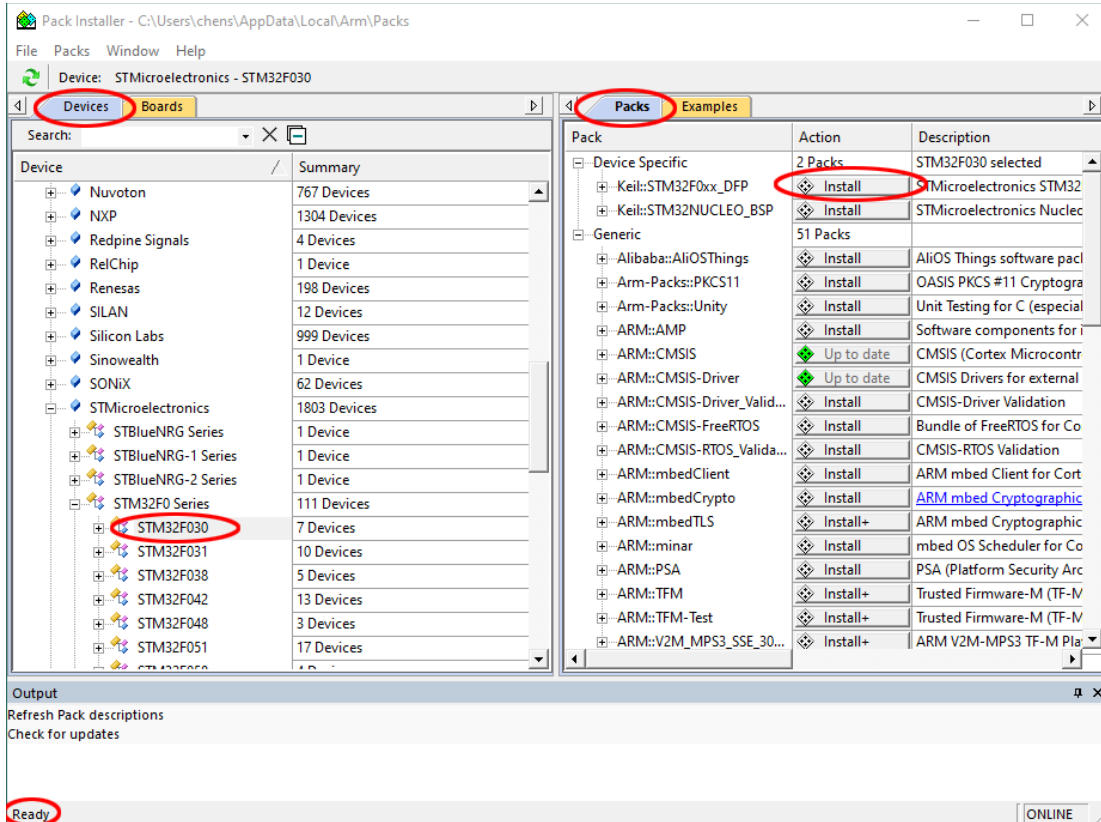

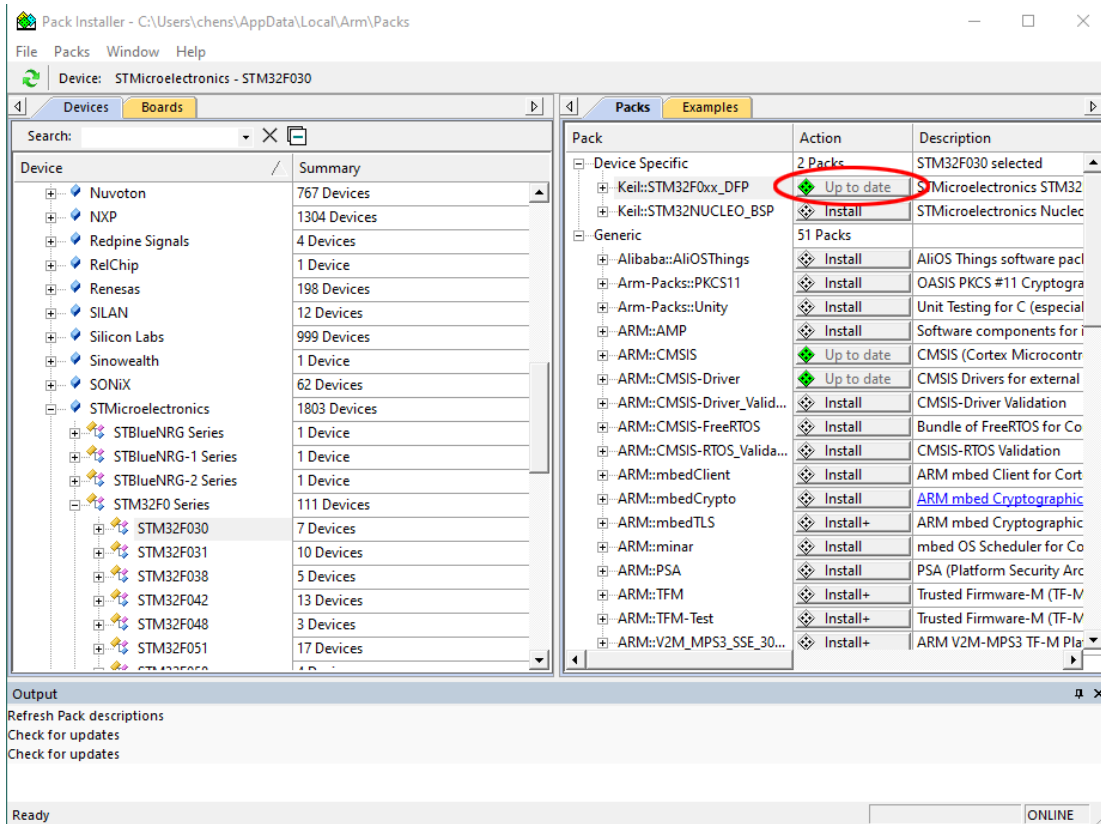## Install STM32F0xx Device Family Pack

14. Depends on the Internet connection, it may take a while to refresh the pack descriptions. After the pack catalog is refreshed, In the **Devices** tab of the left panel, find **STMicroelectronics**, click on the + sign in front of it to

open it then drill down and select **STM32F030**. Once the device is selected, the Device Specific pack will appear in the **Packs** tab of the right panel.

Click the Install button of **STM32F0xx_DFP**, the STM32F0xx Device Family Pack will be installed.

15. When the installation is done, the word **Install** will change to **Up to date**.

16. If for some reasons, such as download errors, the installation was not completed, a message will appear at the bottom of the window to state the error. You may try to install it again.

Congratulations

Now you have completed the installation of the development tools. You are ready to write your first program for the STM32F030R8.