Training 0

August 28, 2022

Overview

We need to do some preparatory work before the actual training session. We need to download two pieces of software we often use in our projects. The first one is Keil. **Keil MDK** is the complete software development environment for a range of microcontroller devices. The second one is **STM32CubeMX**. It is a graphical tool that allows an easy configuration of STM32 microcontrollers and microprocessors.
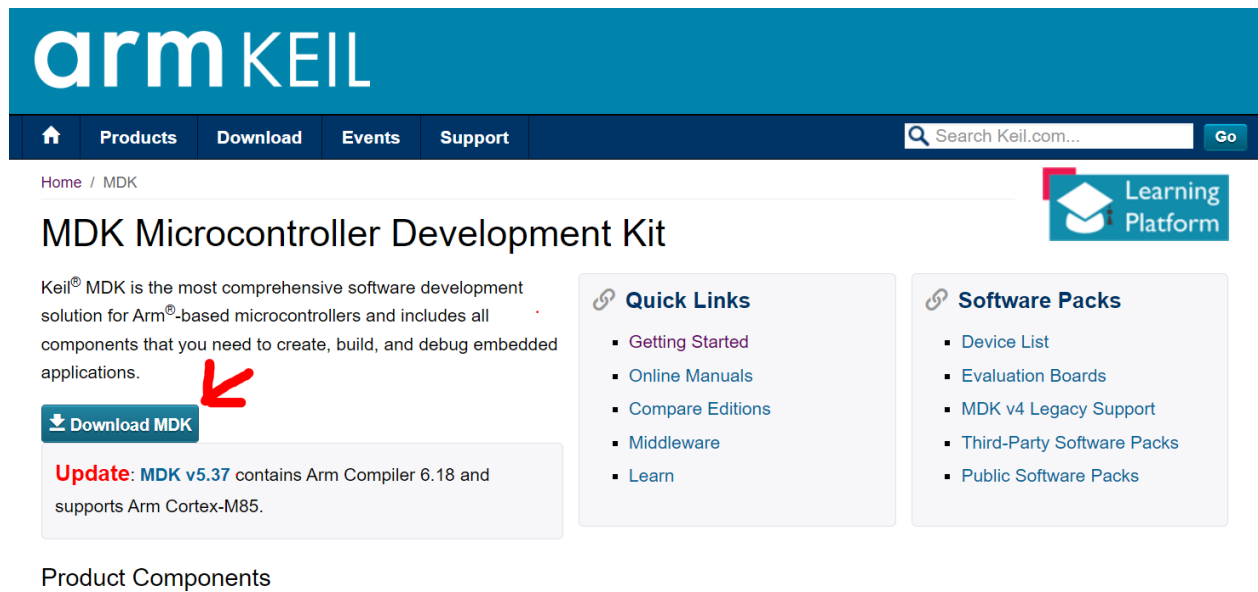
Both run only in Windows

Both run only in Windows

Details

Install MDK-Community (Keil)

Download MDK Microcontroller Development Kit

Link: https://www2.keil.com/mdk5

Fill the form

Product Information

Software & Hardware Products

    Arm Development Tools

    C166 Development Tools

    C51 Development Tools

    C251 Development Tools

    Debug Adapters

    Evaluation Boards

Product Brochures

Newsletters

Device Database®

Device List

Compliance Testing

ISO/ANSI Compliance

Validation and Verification

Distributors

Overview

Home / Product Downloads

MDK-ARM

MDK-ARM Version 5.37
Version 5.37

Complete the following form to download the Keil software development tools.

Enter Your Contact Information Below

First Name: [   ]

Last Name: [   ]

E-mail: [   ]

Company: [   ]

Job Title: [   ]

Country/Region: [Select Your Country ⌄]

State/Province: [Select Your State or Provi ⌄]

Phone: [   ]

☐ Send me e-mail when there is a new update.

NOTICE:
If you select this check box, you **will** receive an e-mail message from Keil whenever a new update is available. If you don't wish to receive an e-mail notification, don't check this box.

Which device are you using?
(eg, STM32) [   ]

Home / Product Downloads

MDK-ARM

MDK-ARM Version 5.37
Version 5.37

- Review the hardware requirements before installing this software.
- Note the limitations of the evaluation tools.
- Further installation instructions for MDK5

(MD5:9a3e824a57eb370555826d53f2f6056d)

To install the MDK-ARM Software...

- Right-click on **MDK537.EXE** and save it to your computer.
- PDF files may be opened with Acrobat Reader.
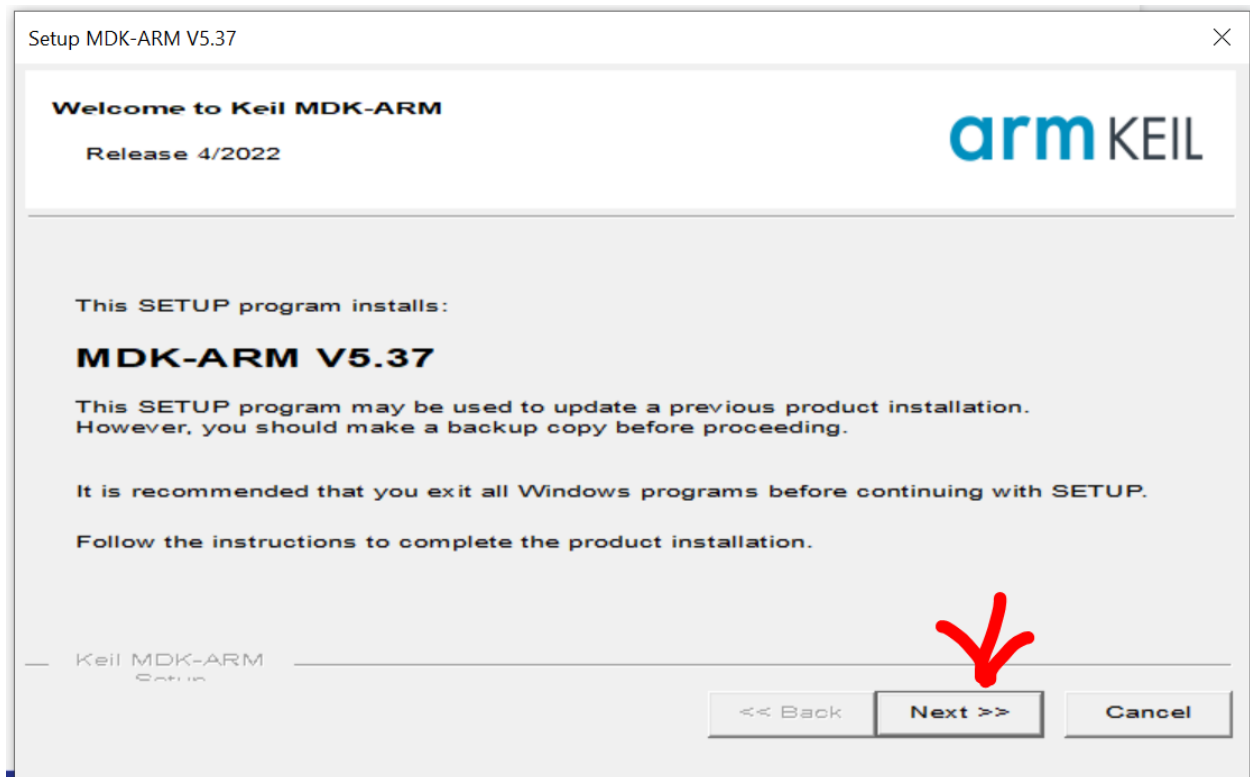- ZIP files may be opened with PKZIP or WINZIP.

MDK537.EXE (876,270K)
Tuesday, May 3, 2022

OPEN Installation Package

Follow the prompts

Get a **valid license key**

Link: <u>Sign up Link</u>

Sign up for an arm mbed account

Upcoming maintenance on Mbed sites: **Tuesdays 1000 - 1100 UTC** | Learn how this might affect you

arm
MBED

Sign up

Already have an Mbed account? Log in

Create a free Mbed account to access Mbed tools and services and contribute to the developer community.

Email address *

Username *

Password *

First name *

Last name *

Country *

United States

Arm will process your information in accordance with our Privacy Policy.
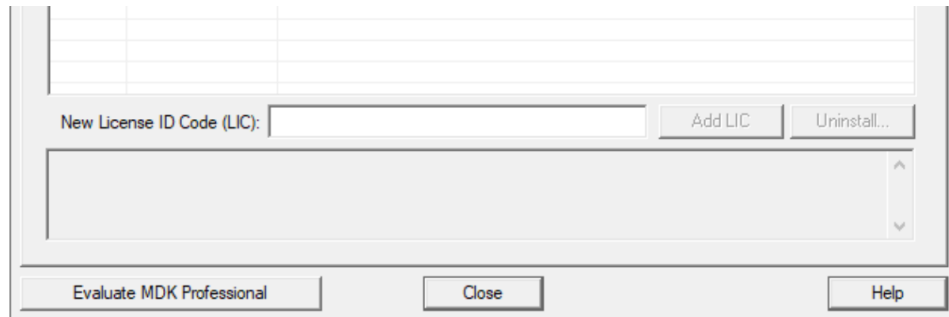
☐ By ticking this box you indicate your consent to receiving marketing communications from Arm in accordance with our Privacy Policy. Please visit our Subscription Center to manage your marketing preferences or unsubscribe from further communications.

☐ I agree to Arm's terms and conditions of use. *

Sign up

Go back to the ARM Login link: Arm Keil | Log in

Sign in to your account, and you will have this page

Scroll down and find the Product serial number, we will use this code later

4. Click Get *LIC via Internet...*, then click *OK* to register the product. The License Management page on the Keil web site will open.

5. Enter the following serial number in the Product Serial # (PSN) field:
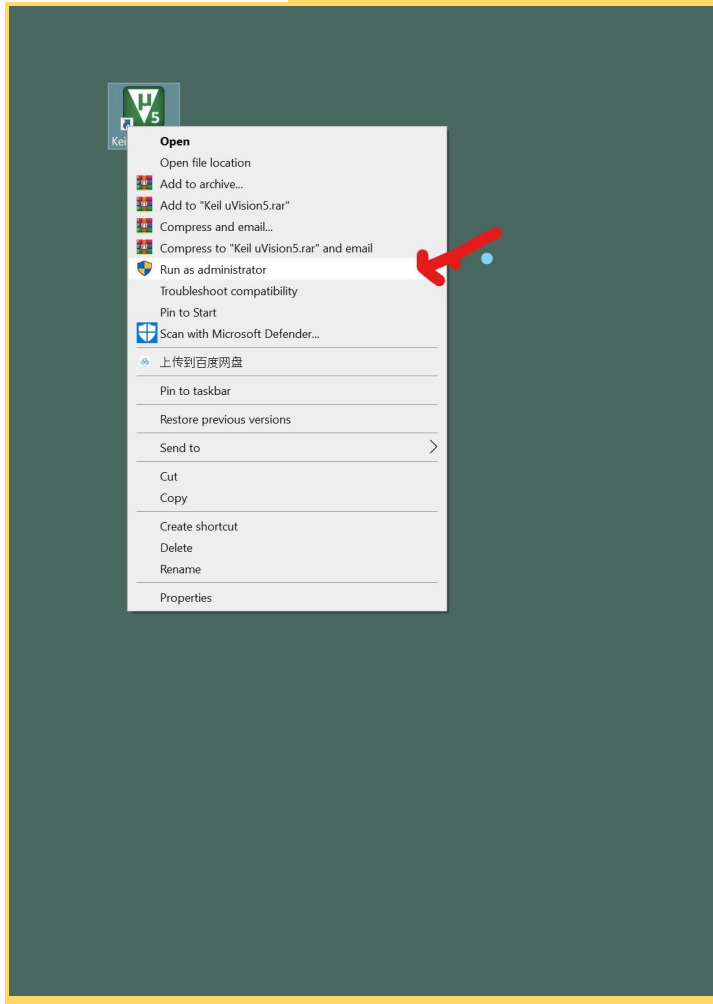
6. Complete and submit the rest of the form.

7. You will receive a License ID Code (LIC) to your email address. Enter this in the New License ID Code (LIC) field in µVision and click *'Add LIC'*.

If you encounter problems, look for help in the **Keil forum**.

You're all set!

- **Getting Started**
- **Docs**
- **Community**
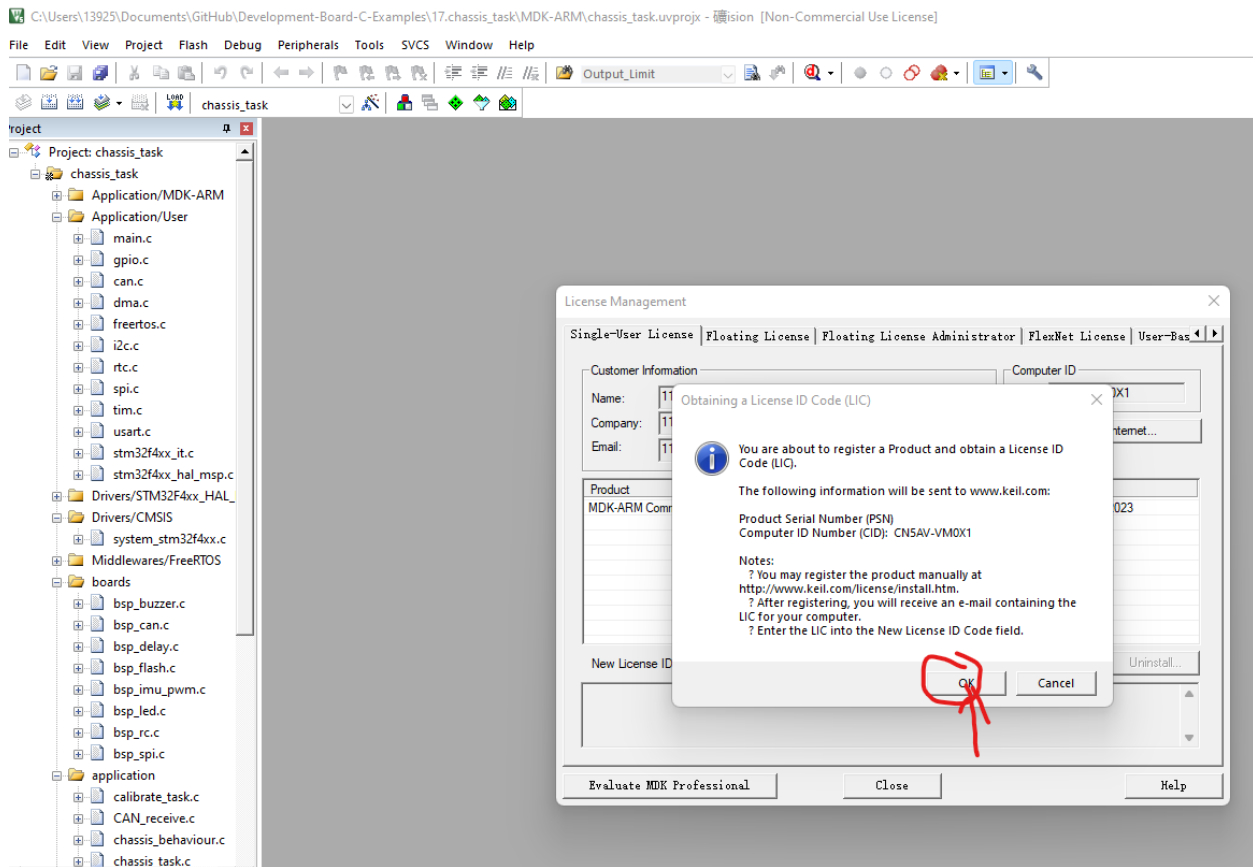
Open Keil: "run as administrator"

Then, open license management

Get LIC via Internet
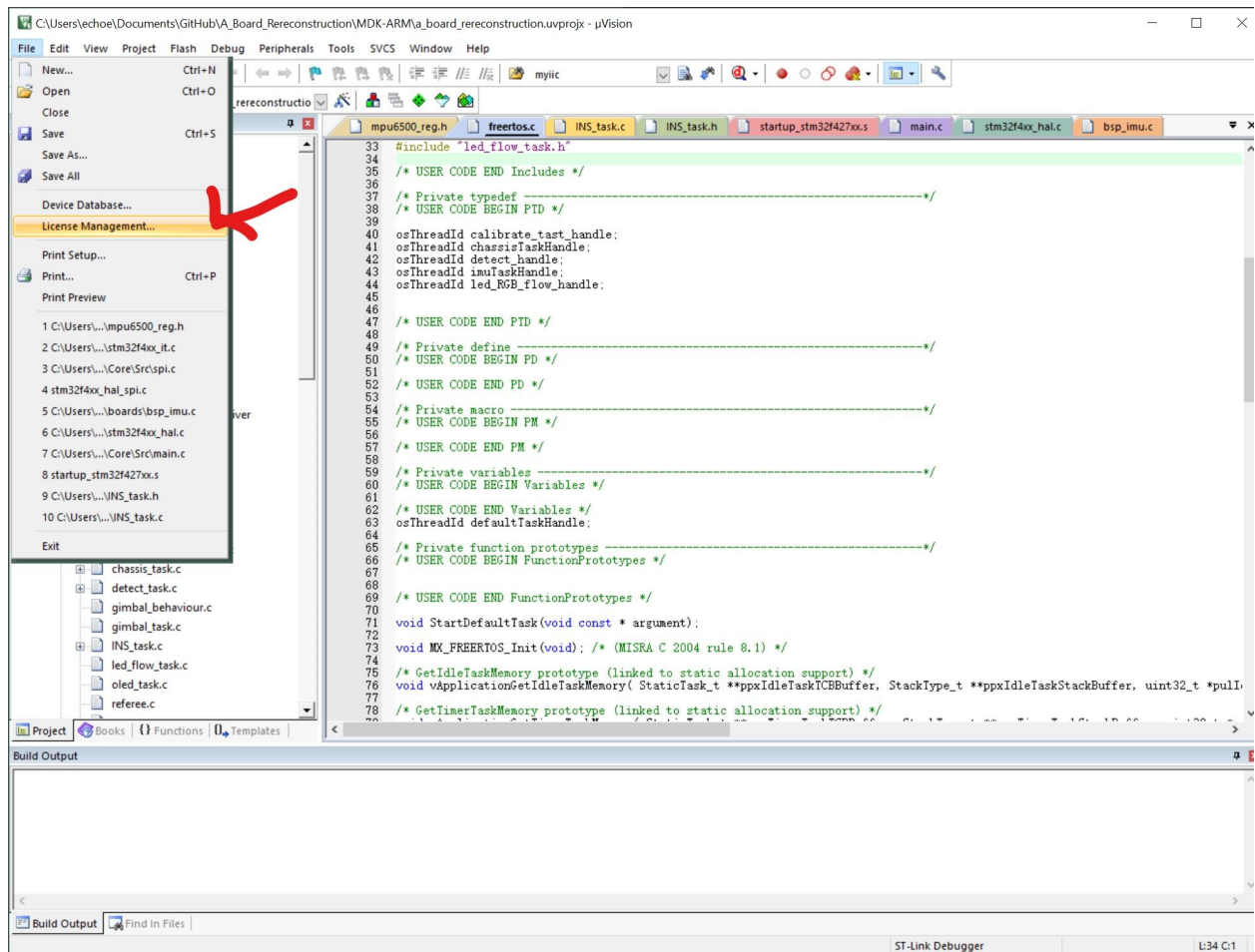
Press OK, and will open up a website

Fill another form.

CID:

Product Serial : on page 9
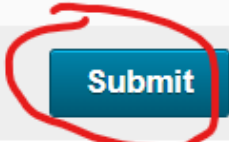
submit :

heard about Keil?
(Select all that apply)

- Another Web Site
- Catalog
- Chip Vendor
- Discussion Forum
- Emulator Vendor
- Eval Board Vendor
- Friend/Co-worker

- Magazine
- Magazine
- Mailing
- Product D
- Trade Sh
- USENET
- Web-bas

- The product I ordered was received in good condition.

- Send me e-mail when there is a new update.
  NOTICE:
  If you select this check box, you **will** receive an e-ma
  whenever a new update is available. If you don't wish
  notification, don't check this box.

We will process your information in accordance with the Download section of our Privacy

Submit   **Reset**

A license Key will be sent to your email

Thank you for licensing your Keil product. Your License ID Code (LIC) is printed below. Print a copy of this e-mail to keep for your records.

MDK-Community
Product Expires 31 Aug 2023

PC Description   : LAB PC
Computer ID   (CID): ▬▬▬▬▬

License ID Code (LIC): ▬▬▬▬▬▬▬▬▬▬▬▬

To activate your Keil product, copy the License ID Code (LIC) and paste it into the New License ID Code input field on the Single-User License Tab in the uVision License Manager Dialog (available from the File menu).

*** DO NOT REPLY TO THIS EMAIL: For licensing problems or questions, please contact Keil Technical Support.

Thank You,
Technical Support

Copy the license key from the email and put it into the New License ID code area, and press Add LIC

End

Download CubeMX

https://www.st.com/en/development-tools/stm32cubemx.html#get-software

find the download link in the email