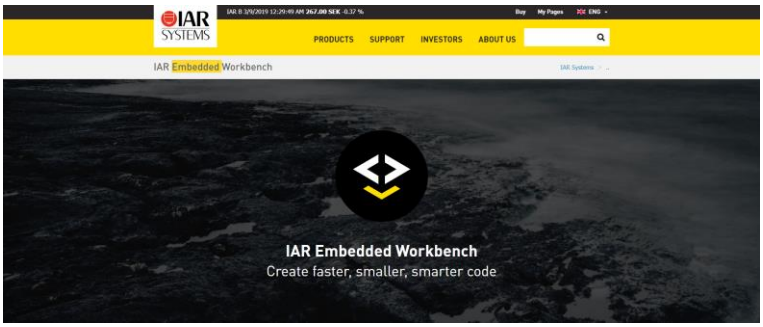
indie Programming environment deployment

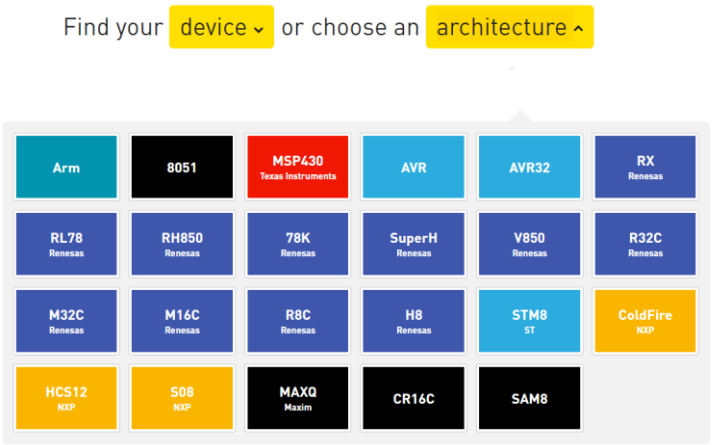
1 :IAR for arm install

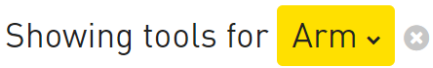
Company website https://www.iar.com/

Open https://www.iar.com/iar-embedded- workbench/

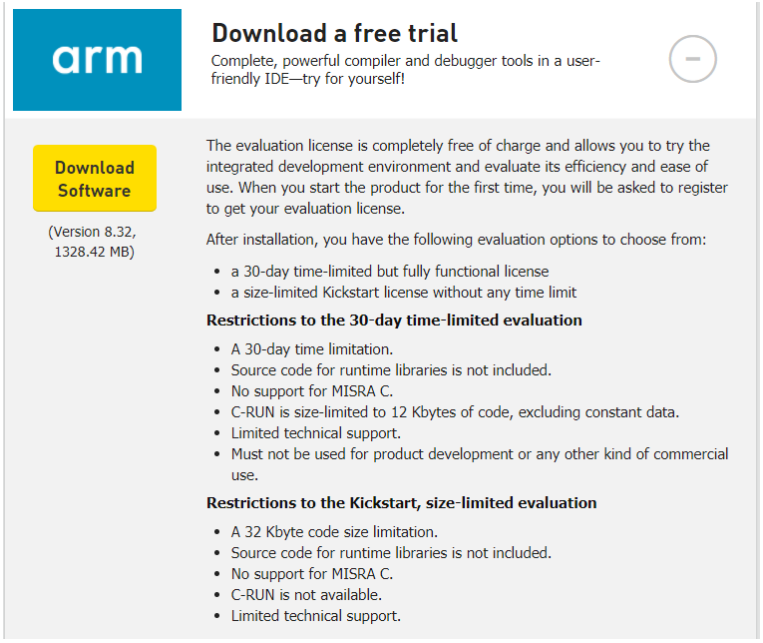


Click architecture and Choice ARM

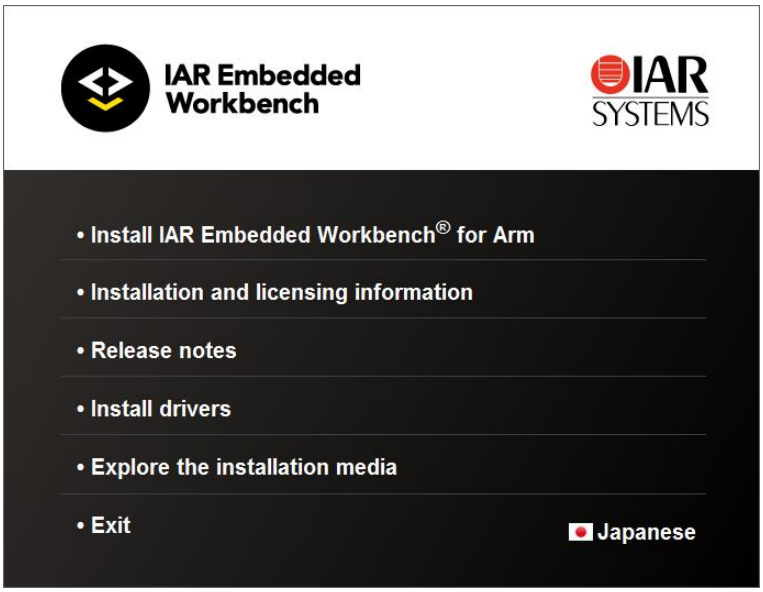




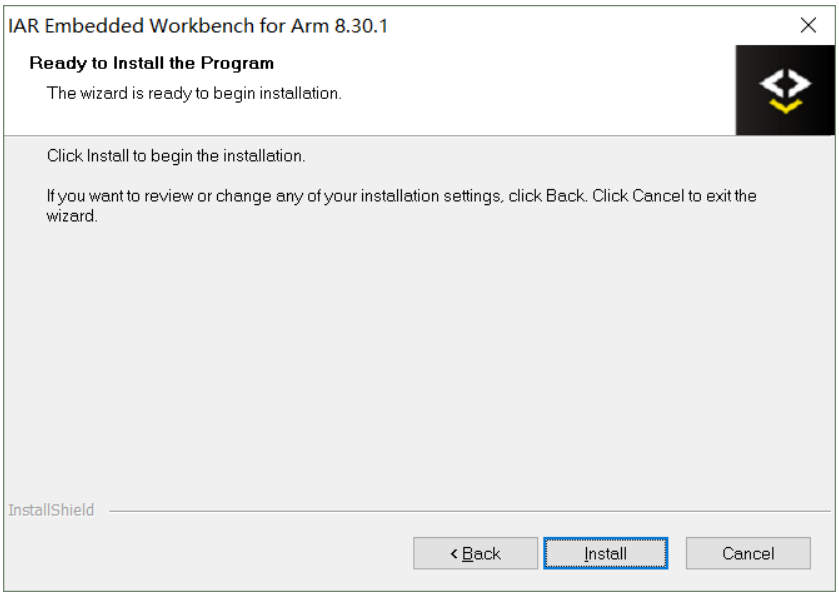
Download software



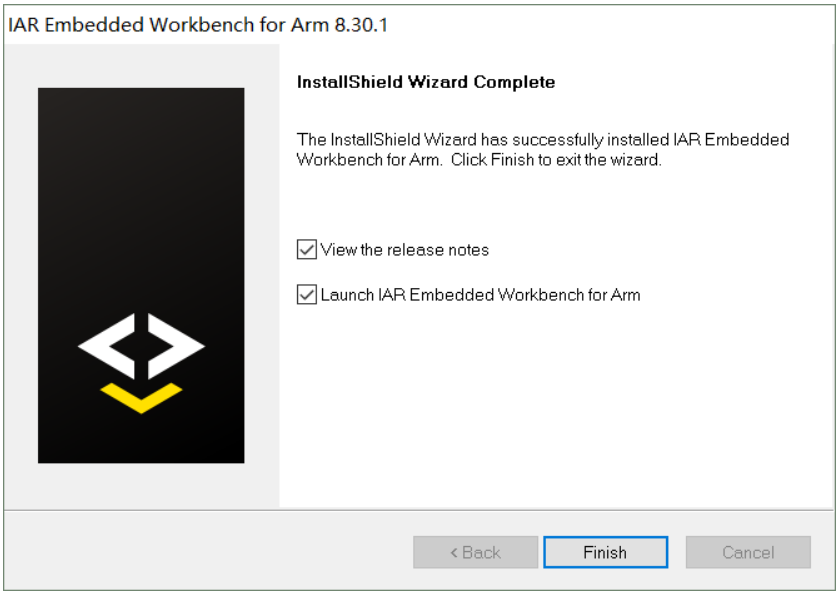
Open and select install IAR Embedded Workbench for Arm



Default settings and next steps



Complete installation



Next, we will install the attachments automatically and download them all according to the default parameters.

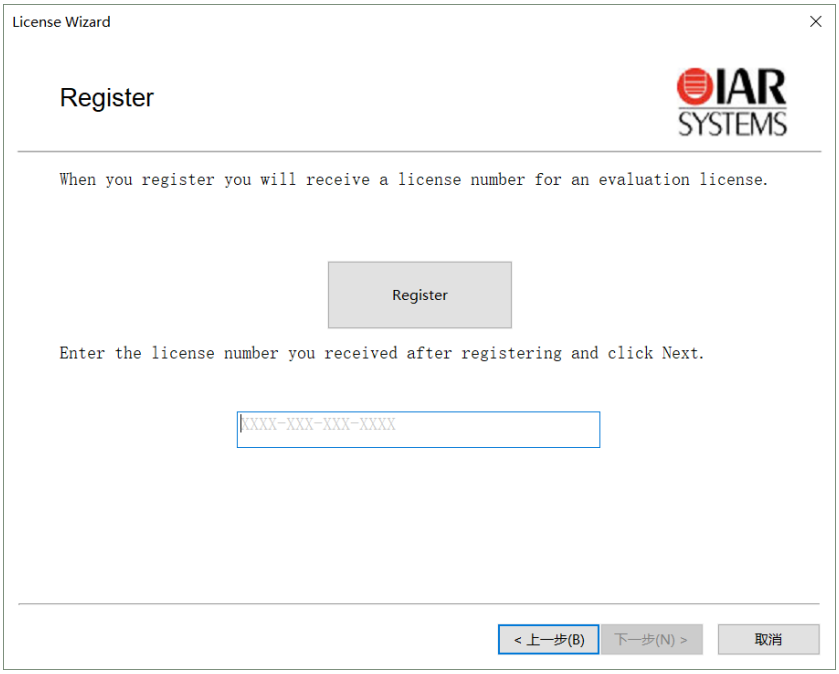
2: IAR Account registration

Open IAR Embedded Workbench for Arm

The following window opens

Choice third article

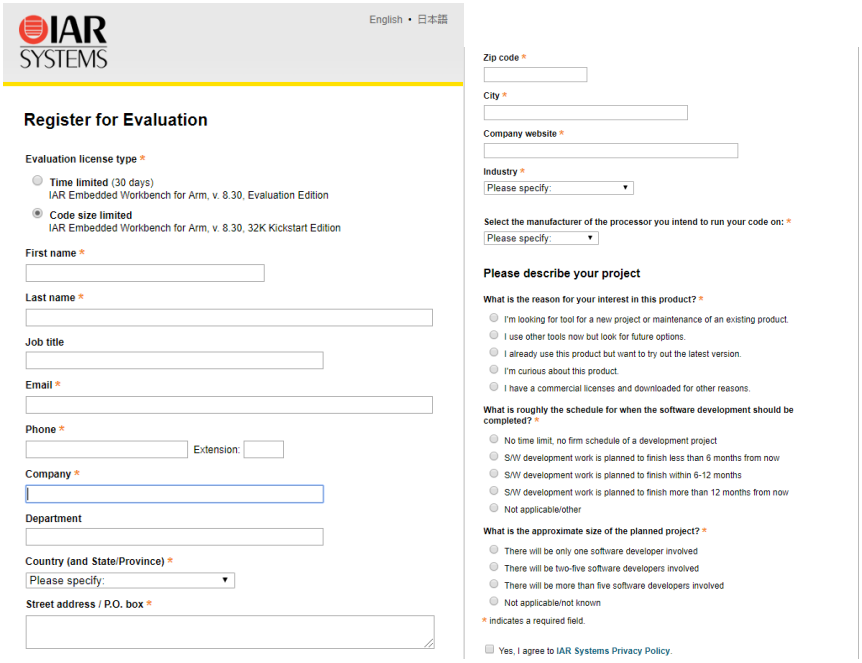
Click Register



Fill in registration information

Choice IAR Embedded Workbench

for Arm, v. 8.30, 32K Kickstart Edition



English • 日本語

Register for Evaluation

Evaluation license type *

- **Time limited** (30 days)
  IAR Embedded Workbench for Arm, v. 8.30, Evaluation Edition
- **Code size limited**
  IAR Embedded Workbench for Arm, v. 8.30, 32K Kickstart Edition

First name *

Last name *

Job title

Email *

Phone * Extension:

Company *

Department

Country (and State/Province) *
Please specify:

Street address / P.O. box *

Zip code *

City *

Company website *

Industry *
Please specify:

Select the manufacturer of the processor you intend to run your code on: *
Please specify:

Please describe your project

What is the reason for your interest in this product? *

- I'm looking for tool for a new project or maintenance of an existing product.
- I use other tools now but look for future options.
- I already use this product but want to try out the latest version.
- I'm curious about this product.
- I have a commercial licenses and downloaded for other reasons.

What is roughly the schedule for when the software development should be completed? *

- No time limit, no firm schedule of a development project
- S/W development work is planned to finish less than 6 months from now
- S/W development work is planned to finish within 6-12 months
- S/W development work is planned to finish more than 12 months from now
- Not applicable/other

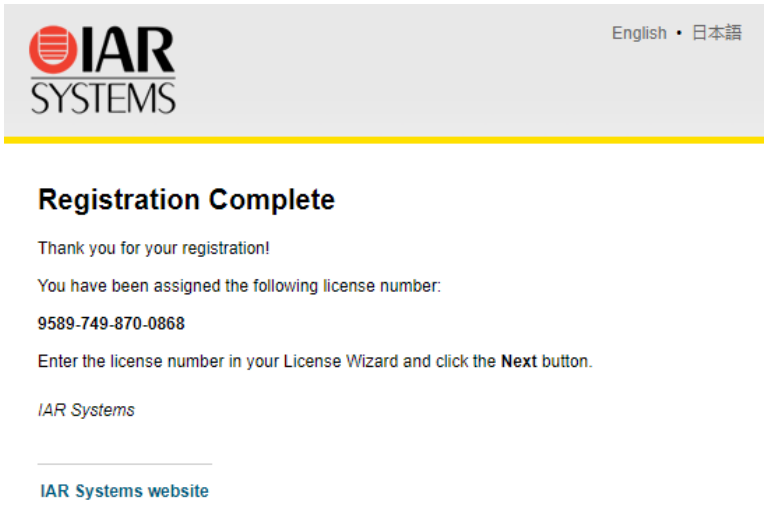
What is the approximate size of the planned project? *

- There will be only one software developer involved
- There will be two-five software developers involved
- There will be more than five software developers involved
- Not applicable/not known

* indicates a required field.

Yes, I agree to IAR Systems Privacy Policy.

Get license



English • 日本語

Registration Complete

Thank you for your registration!

You have been assigned the following license number:

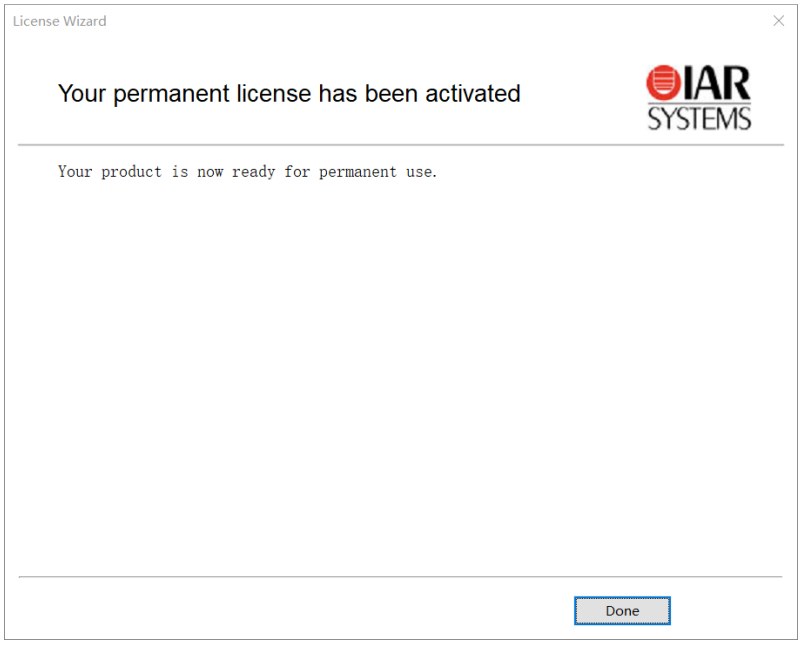
9589-749-870-0868

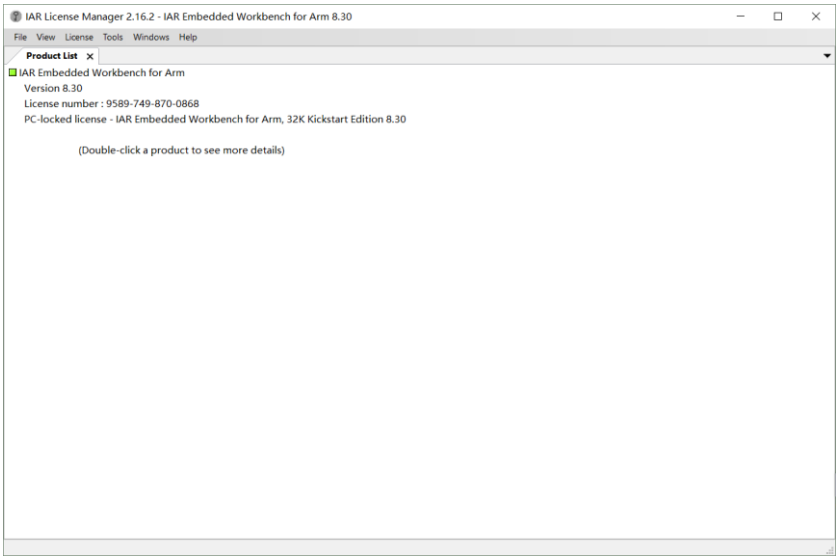
Enter the license number in your License Wizard and click the **Next** button.

IAR Systems

IAR Systems website

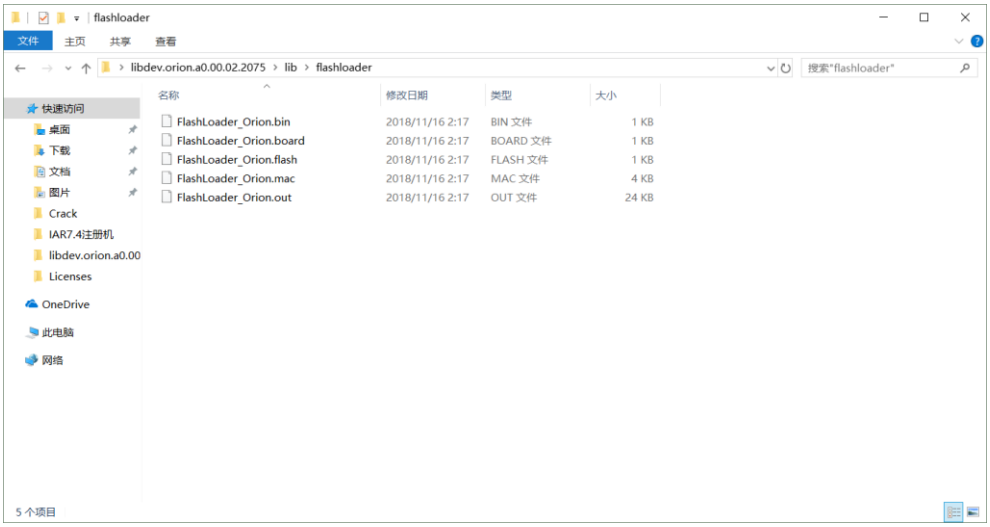
Finish



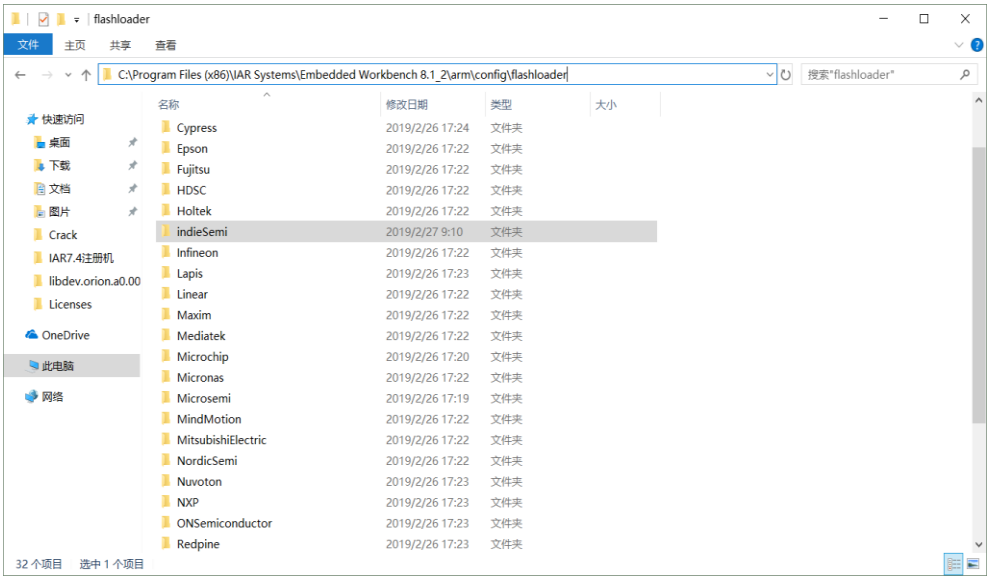


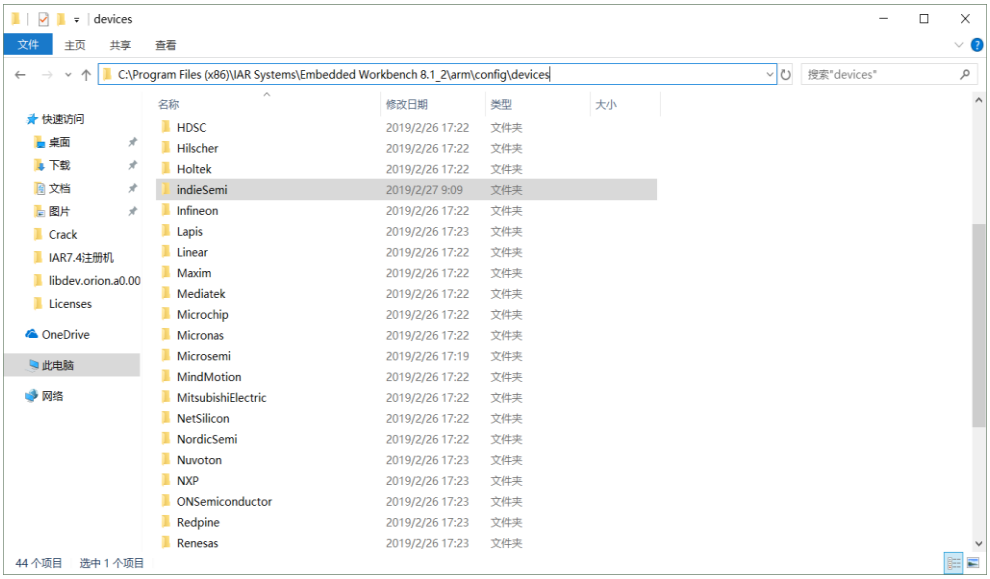
3：Indie Project deployment

Copy the following directory files

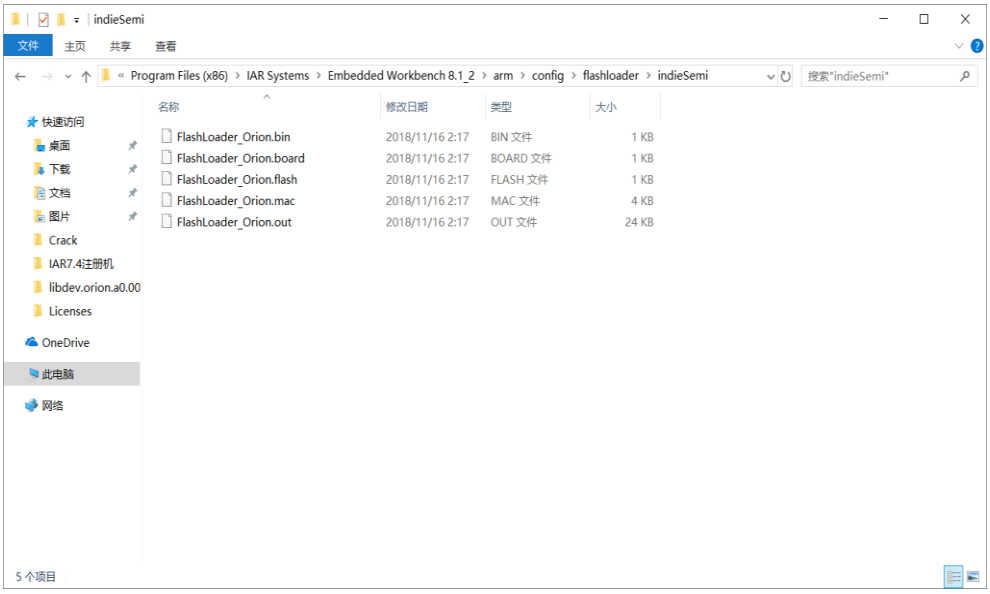


Create folders in the Orion installation directory at the following location

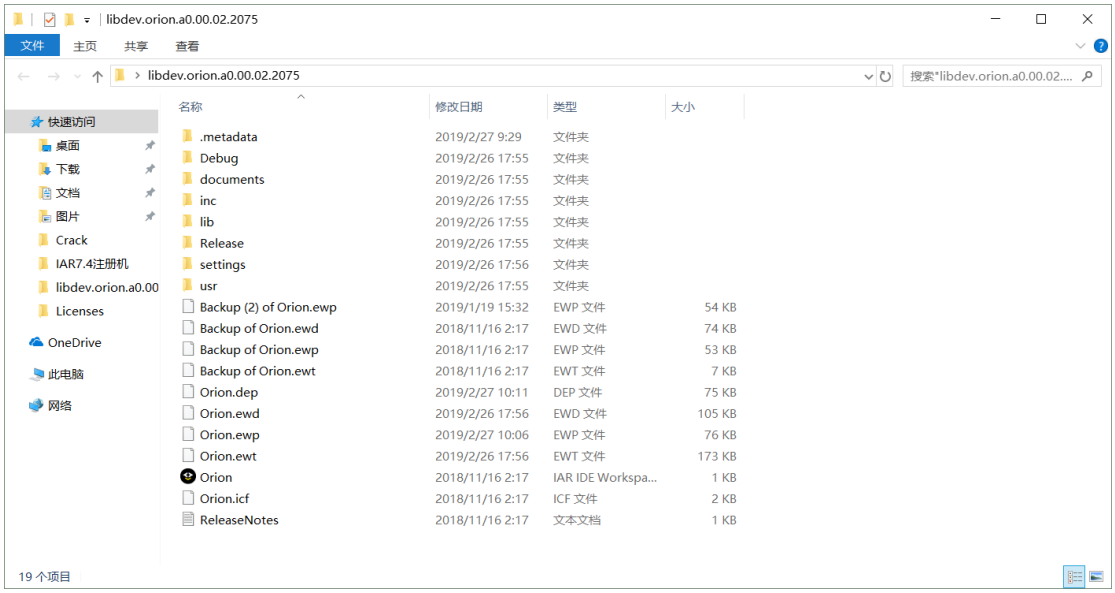




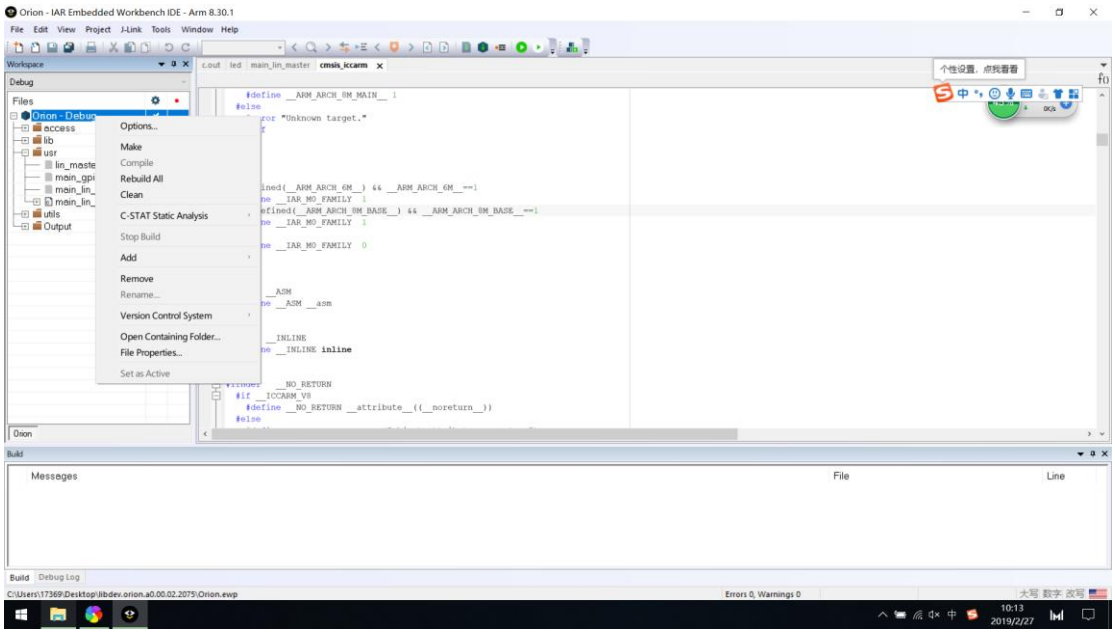
Paste it into the corresponding folder created



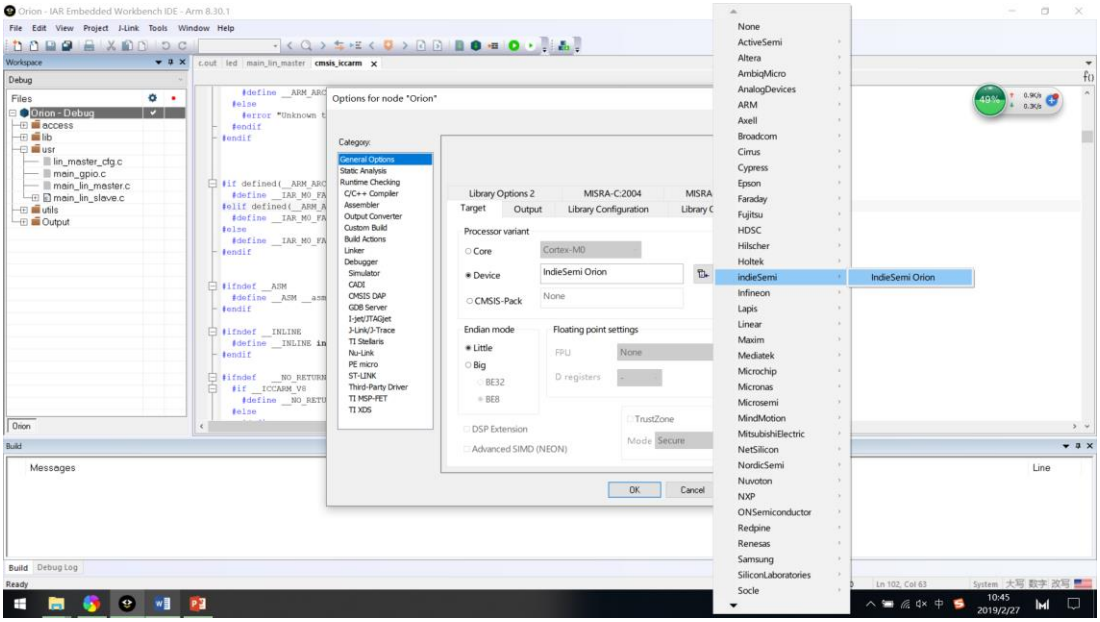
Open the project file



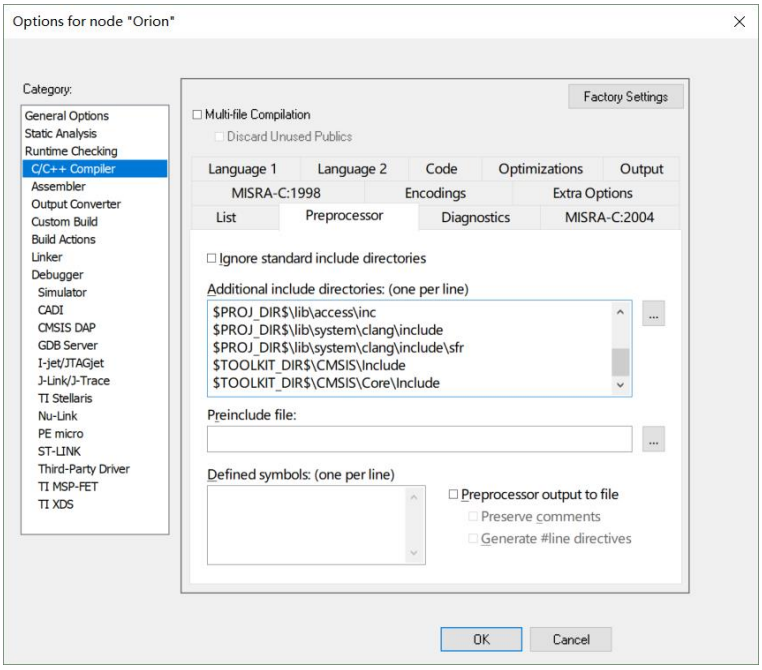
Open Project Options



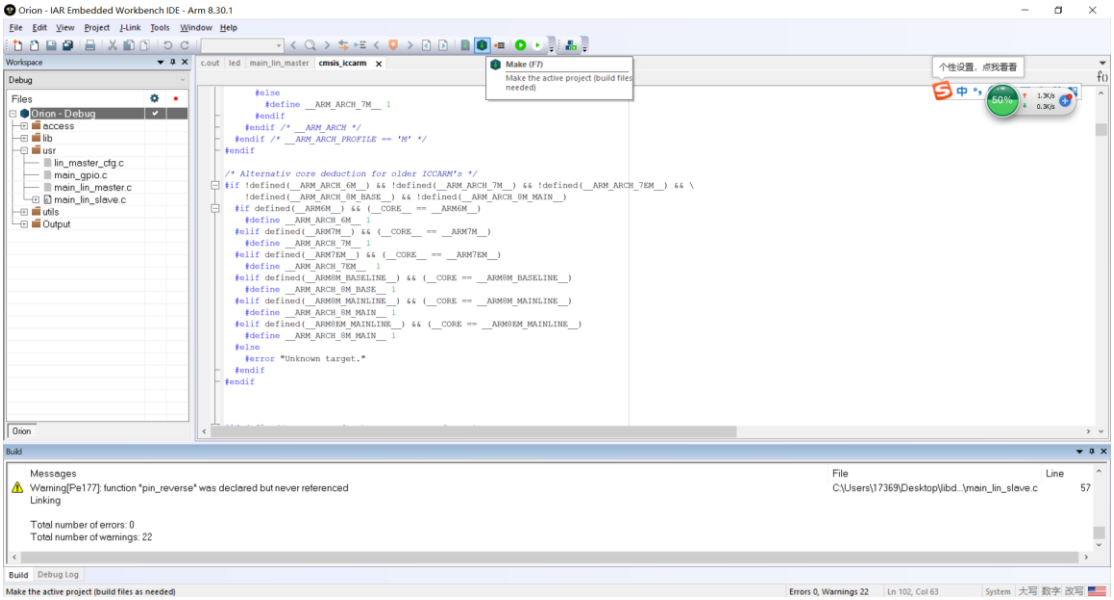
set device



Set Preprocessor Add the following two



Display Error-free Completion Configuration


Orion - IAR Embedded Workbench IDE - Arm 8.30.1
File Edit View Project J-Link Tools Window Help
Workspace
Debug
Files
Orion - Debug
access
lib
usr
lin_master_cfg.c
main_gpio.c
main_lin_master.c
main_lin_slave.c
utils
Output
Make (F7)
Make the active project (build files needed)
个性设置，点我看看
Build
Messages
File
Line
Warning[Pe177]: function "pin_reverse" was declared but never referenced
C:\Users\17369\Desktop\libd..\main_lin_slave.c
57
Linking
Total number of errors: 0
Total number of warnings: 22
Build
Debug Log
Make the active project (build files as needed)
Errors 0, Warnings 22