





- 1 Notebook and Tools
- Download and Installation of the MDK
- MCB4357: Selection of Board and Target, Pack Installation
- License Request and License Installation (PLEASE ONLY ONCE)
- 5 Appendix, Manual Pack Installation



1 Notebook and Tools

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Notebook and Tools



- Notebook with local admin rights
- MS Windows XP, Vista, Win7, Win8, Win10
- pdf viewer
- MDK and Training needs:
 - □ 512MB RAM available,
 - □ 1GB ROM,
 - □ 2x USB
- Rights for connecting external USB Stick
- Mouse might be helpful (3rd USB slot)



Notebook and Tools

2 Download and Installation of the MDK

MCB4357: Selection of Board and Target, Pack Installation

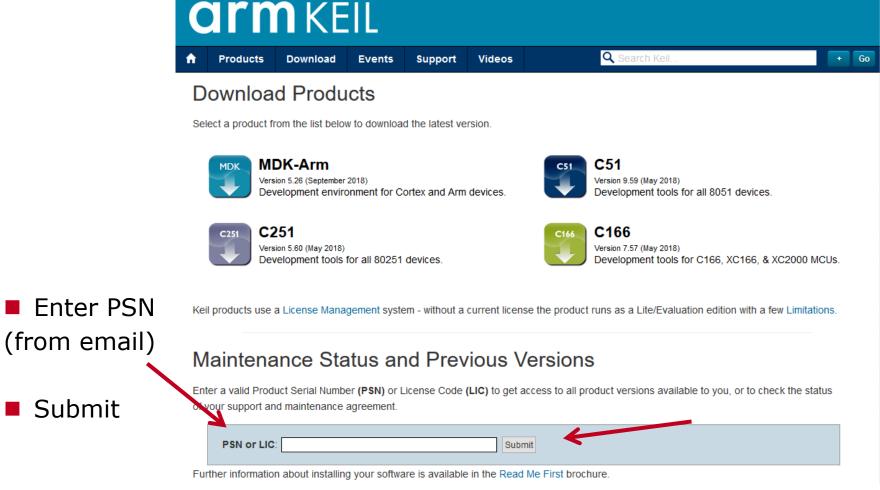
License Request and License Installation (PLEASE ONLY ONCE)

Appendix, Manual Pack Installation

5

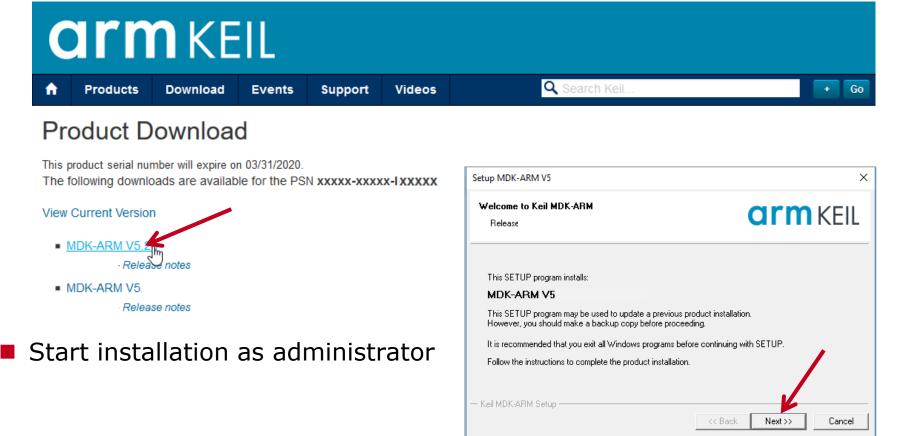


https://www.keil.com/download/product/



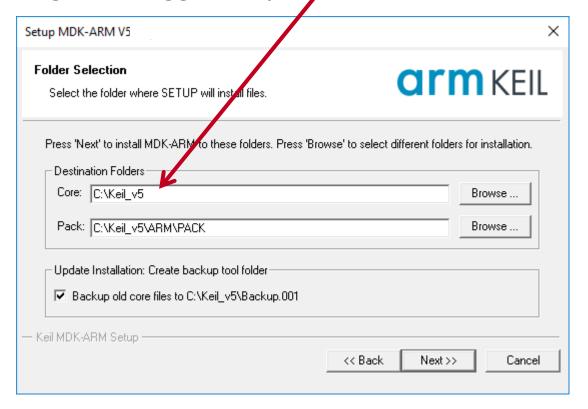


Select current version and download
 (IF YOU ALREADY HAVE MDK SKIP TO SLIDE 9 "PACK INSTALLATION")





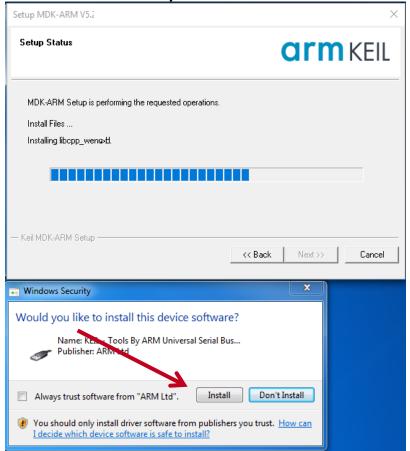
- Follow the instructions
- Do not change the suggested paths



Confirm information



Install all components and finish installation



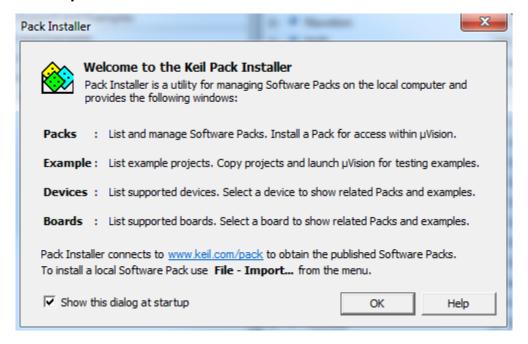


The pack installer will start

Pack Installation



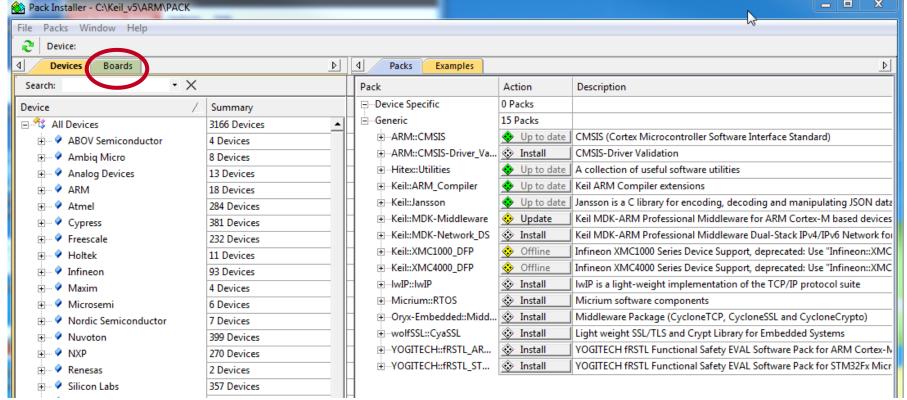
Acknowledge the pack installation



Pack Installation



- Select tab **Boards** and follow the pack installation according to your derivate
- If the pack installation fails (limited download rights) please see the appendix of this document



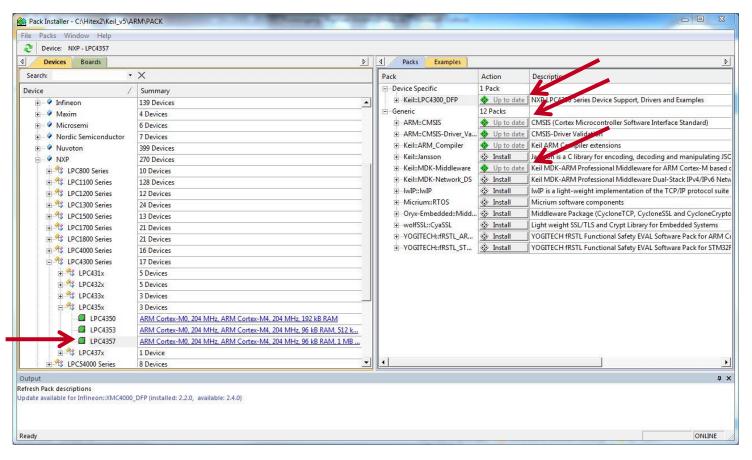


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MCB4357 Pack Installation



"Select the device NXP::LPC4300::LPC4357

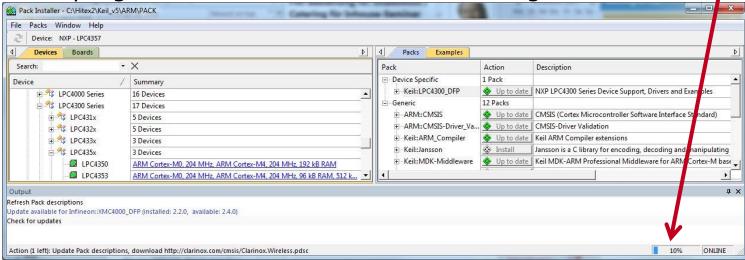


and install ARM-CMSIS, Middleware and LPC4300_DFP

MCB4357 Pack Installation

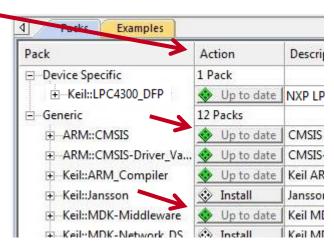


See the progress of installation down at the right corner



- Up to date after installation
- File / Exit will close pack installer







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You will need the PSN number which came per e-mail from Hitex concerning the MDK-ARM power training. It will provide a time limited license.

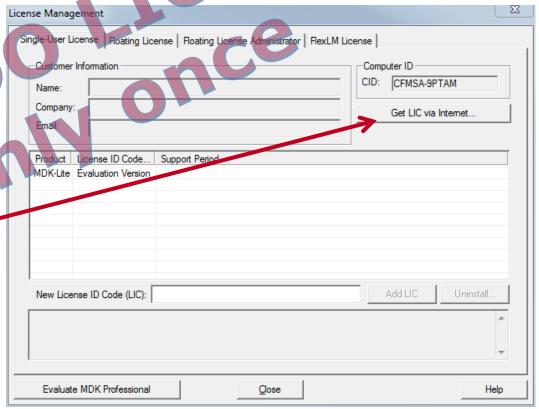
Start MDK5 as administrator (context menu / run as

administrator)

StartFile/License management

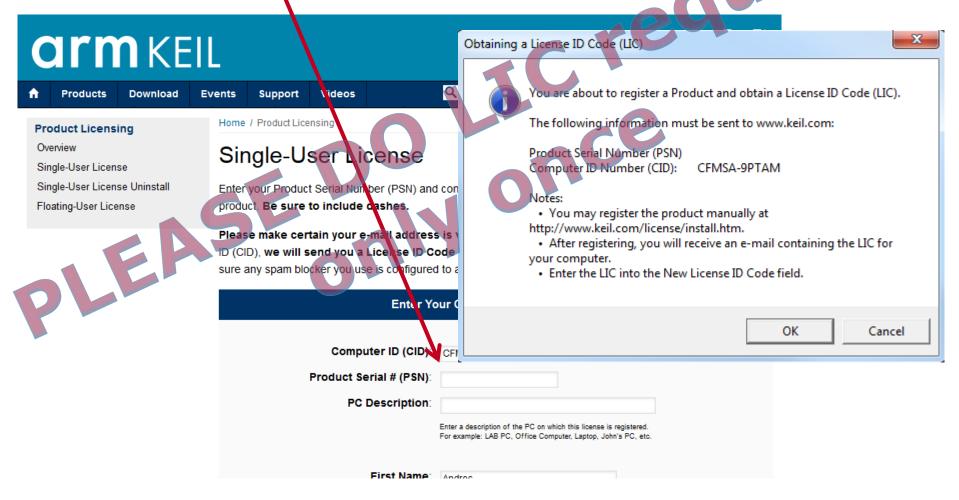
Select

"Get LIC via Internet"

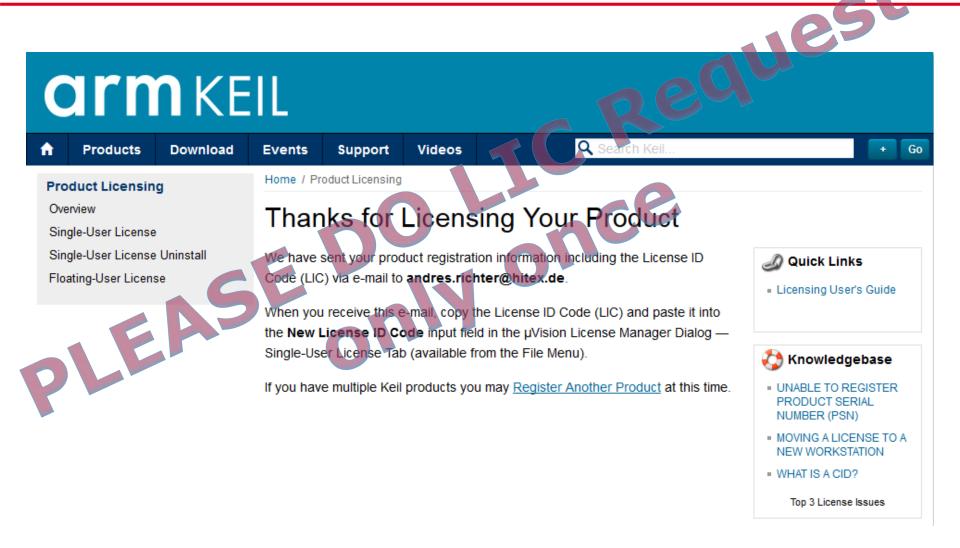




■ Follow the instructions and insert PSN number

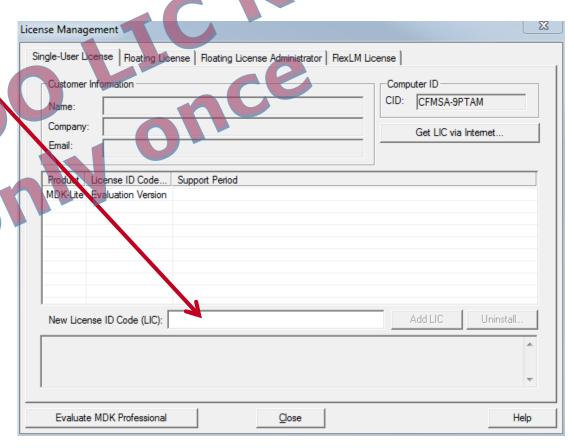








- You will get the LIC (license id code) via email
- Copy / paste to "New License ID Code"
- Select "Add LIC"
- Close license manager and restart MDK5

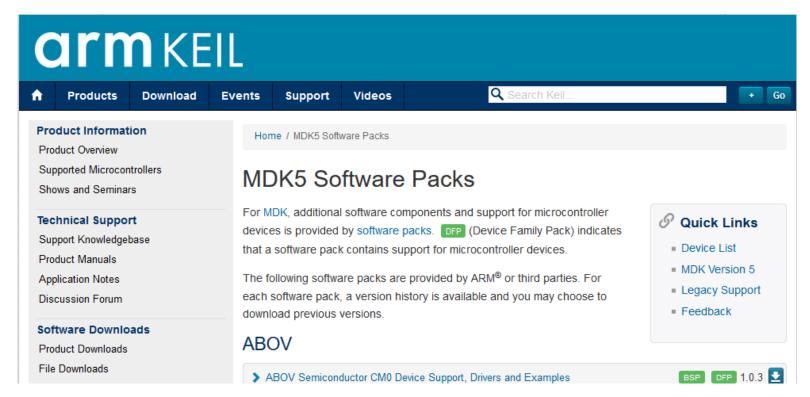




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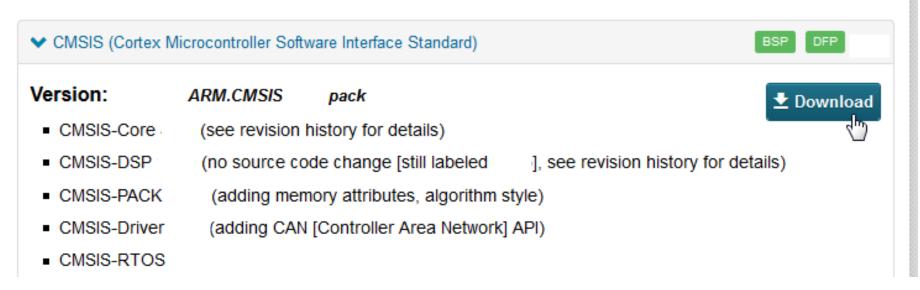
- Your pack installation may fail if your download options are restricted by IT rules.
- The workaround is a manual download and installation:
- Vist <u>www.keil.com/pack</u> (-> <u>www.keil.com/dd2/pack</u>)





- Download CMSIS
 - Scroll down to ARM and unfold CMSIS
 - Download current CMSIS pack (at top of the list)

ARM



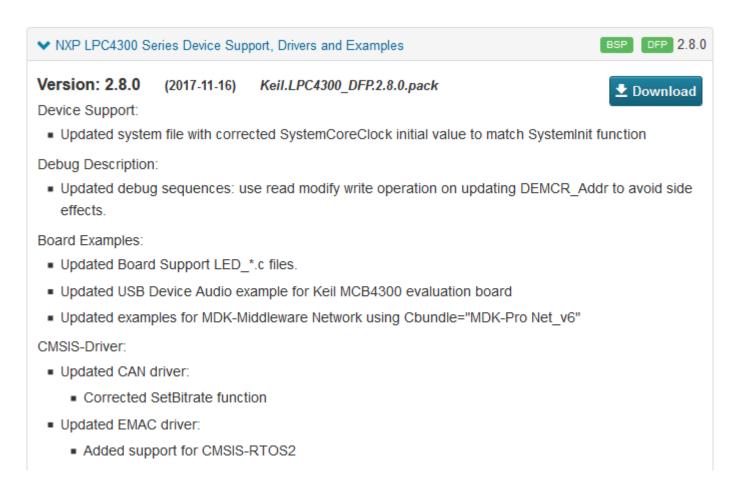


- Download matching Device Support Packages
 - □ Select Keil
 - Scroll down and download current *._DFP

Infineon Infineon XMC1000 Series Device Support, Drivers and Examples Note: The Infineon XMC4000 Series Device Support, Drivers and Examples Note: The Infineon TLE984x Series Device Support Infineon TLE986x Series Device Support Infineon TLE987x Series Device Support NXP LPC4300 (MCB4357) ARM V2M-MPS2 Board Support PACK for Cortex-M System Design Kit

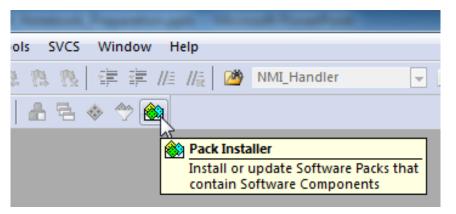


■ MCB4357

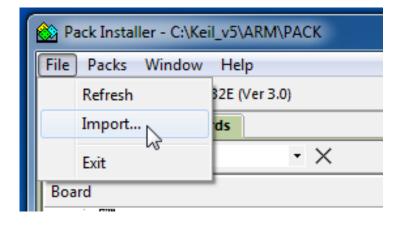




- Install the downloaded files manually in the pack installer
 - □ open pack installer, e.g.from µVision IDE



- Select File / Import
- □ Select the appropriate packsARM.CMSIS.xxx.packKeil.<derivate>._DFP.x.x.x.pack





Thank you for preparing. Enjoy your training.

Learn more about Hitex at www.hitex.com