

# CooCox CoLinkEx

## User Manual

Version: 2012-6-26

**Technical Support:**

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## CooCox CoLinkEx

CoLinkEx is a hardware debugging adapter which supports SW debugging and supports both ARM Cortex M3 and Cortex M0 devices, it supports debugging in CooCox software and Keil Realview MDK.



### Features:

- Free
- Supports Cortex M0 and Cortex M3 devices
- Supports SW debugging
- Supports JTAG debugging
- Supports CoFlash, CoIDE, MDK and IAR

### Requirements:

#### Hardware:

- 512MB memory
- 20MB Disk space

#### Operating Systems:

- Windows XP / Windows Vista / Windows 7

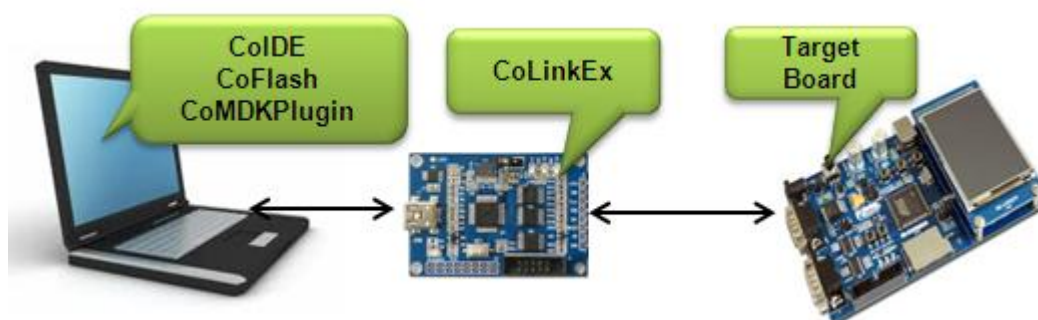
#### Support Software

- Keil RealView MDK v4.03 or higher
- CooCox CoIDE v1.4.0 or higher

### Support Series:

- Atmel ATSAM3U Series
- Energy Micro EFM32 Series
- TI LM3S Series
- Nuvoton Numicro Series
- NXP LPC17xx LPC13xx LPC12xx LPC11xx Series
- ST STM32F10x STM32F4x Series
- Holtek HT32 Series

### Connection Figure:



## Preparation:

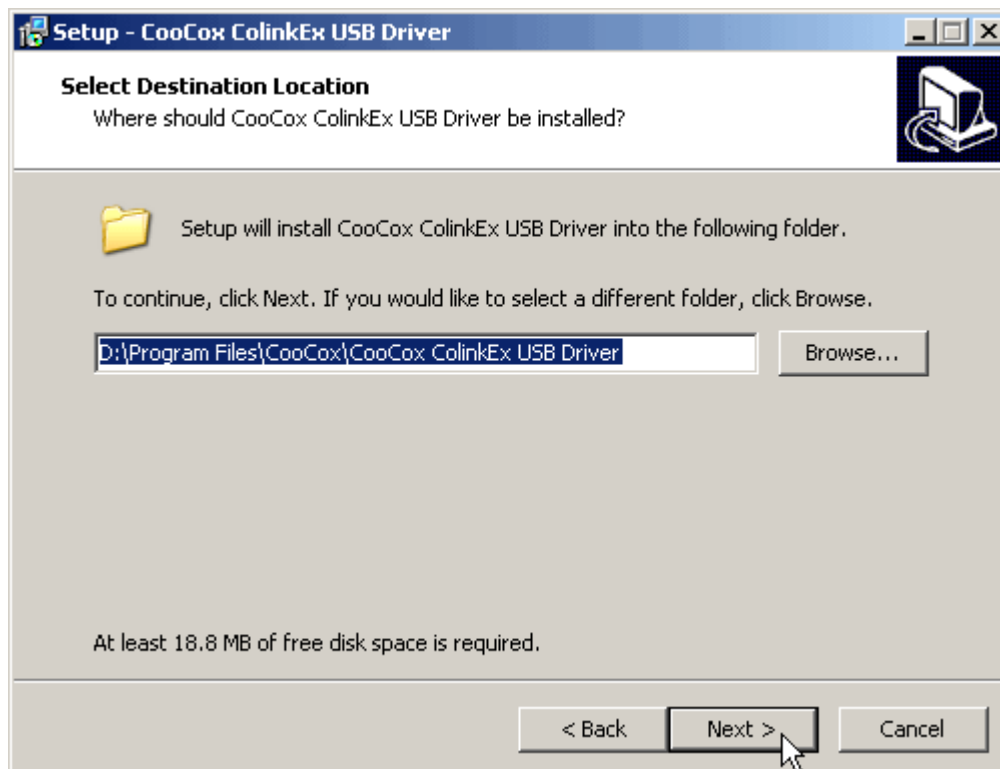
Before you use this development kit, you need to install CoLinkEx Driver first.

The CoLinkEx USB drivers are different according to the OS of your PC, please visit <http://www.coocox.org/Colinkex.htm> to download the right one and install it as below:

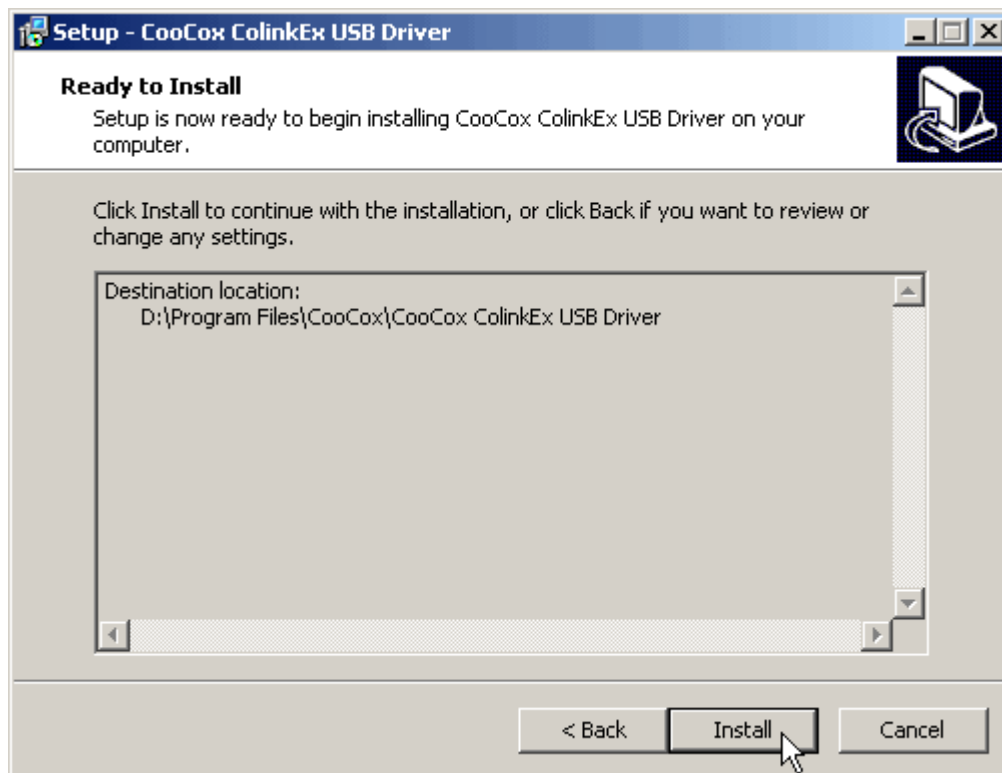
1. Double Click the EXE file, enter the installation interface, click "Next".



2. Select the installation location, click "Next".



- Click "Install".



- Click "Finish".

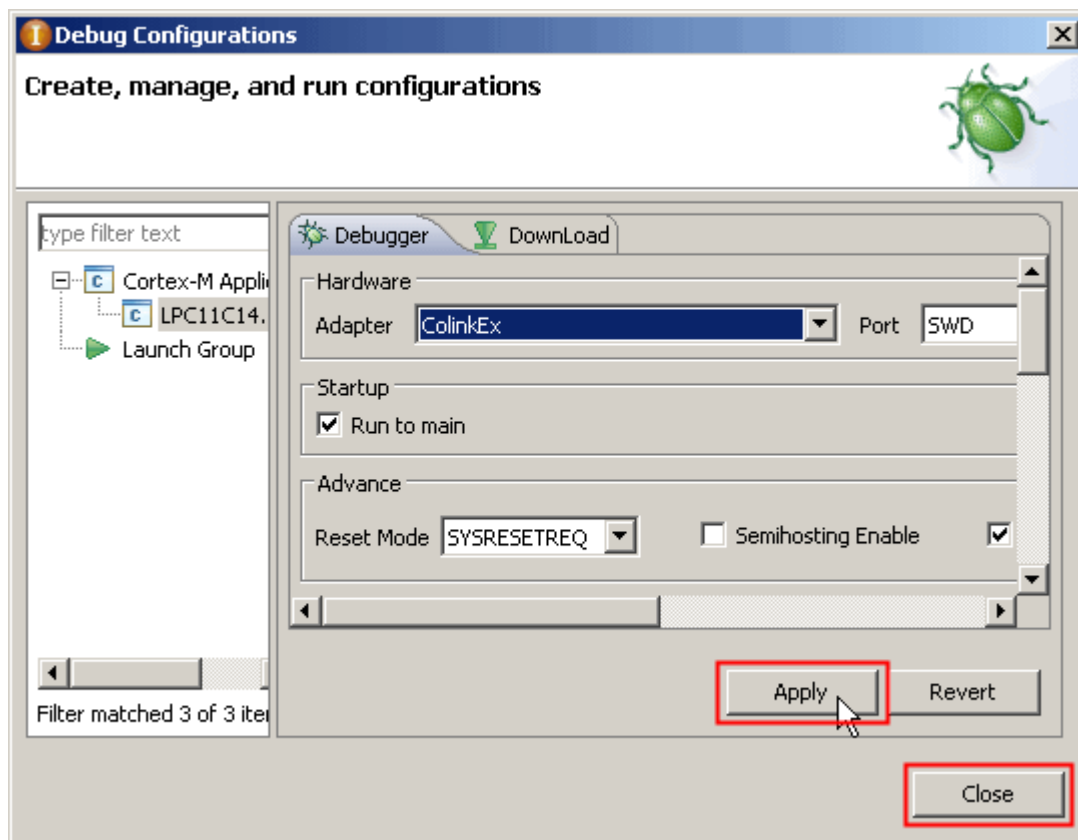
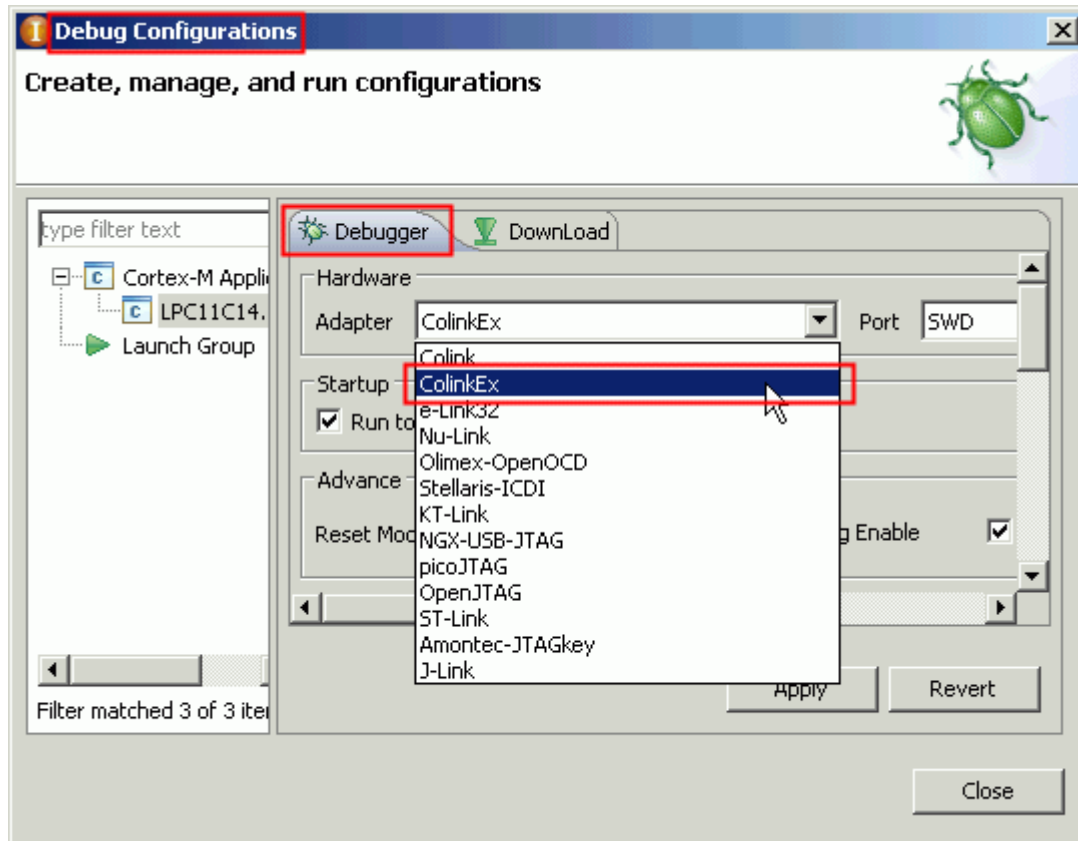


\*Please ensure the firmware of your ColinkEx is the latest version. See how to update: <http://www.coocox.org/CoLinkGuide/CoLinkDIY.htm>.

After that, you can use it in MDK or CoIDE environment.

**Configuration:**

✧ CooCox ColDE



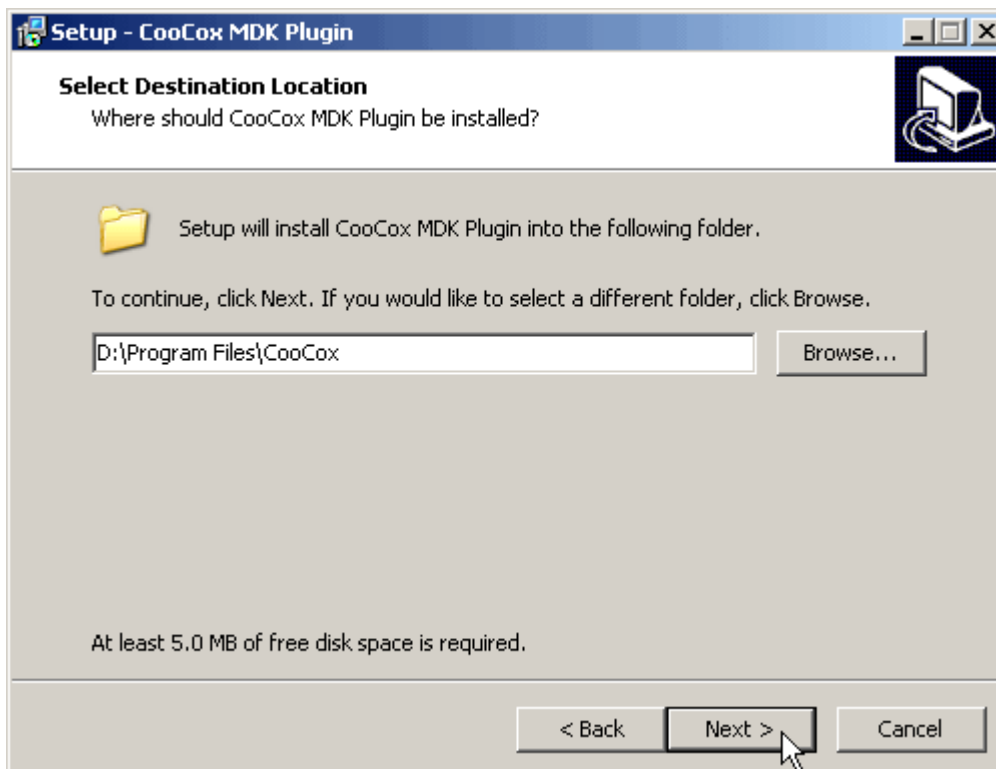
✧ **Keil Realview MDK**

Before you use it in MDK, you need to download and install CoMDKPlugin first, please visit <http://www.coocox.org/CoLinkGuide/CoMDKPlugin.html> to get the details. Just install it with the following simple steps:

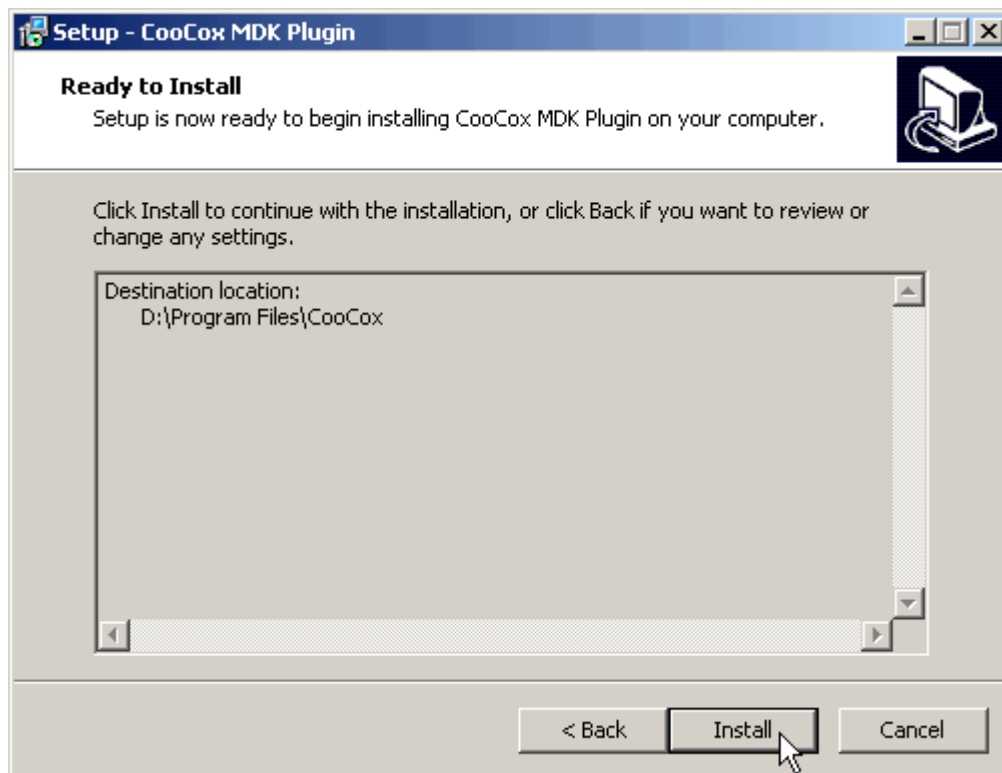
1. Double Click the EXE file, enter the installation interface, click “Next”.



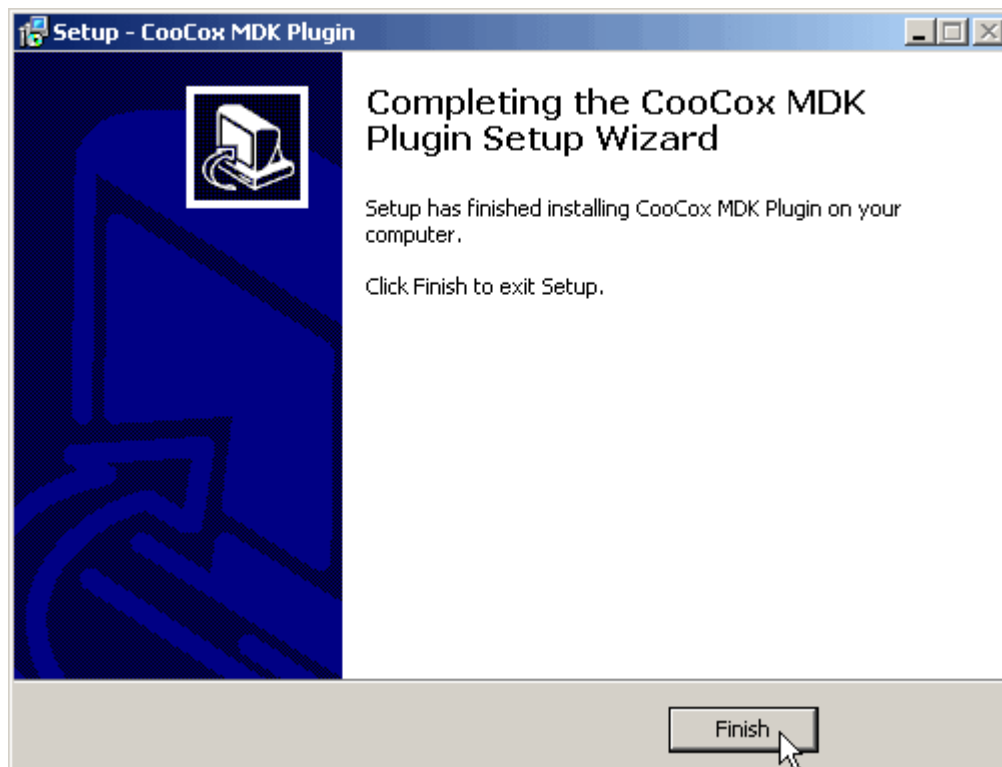
2. Select the installation location, click “Next”.



- Click "Install".

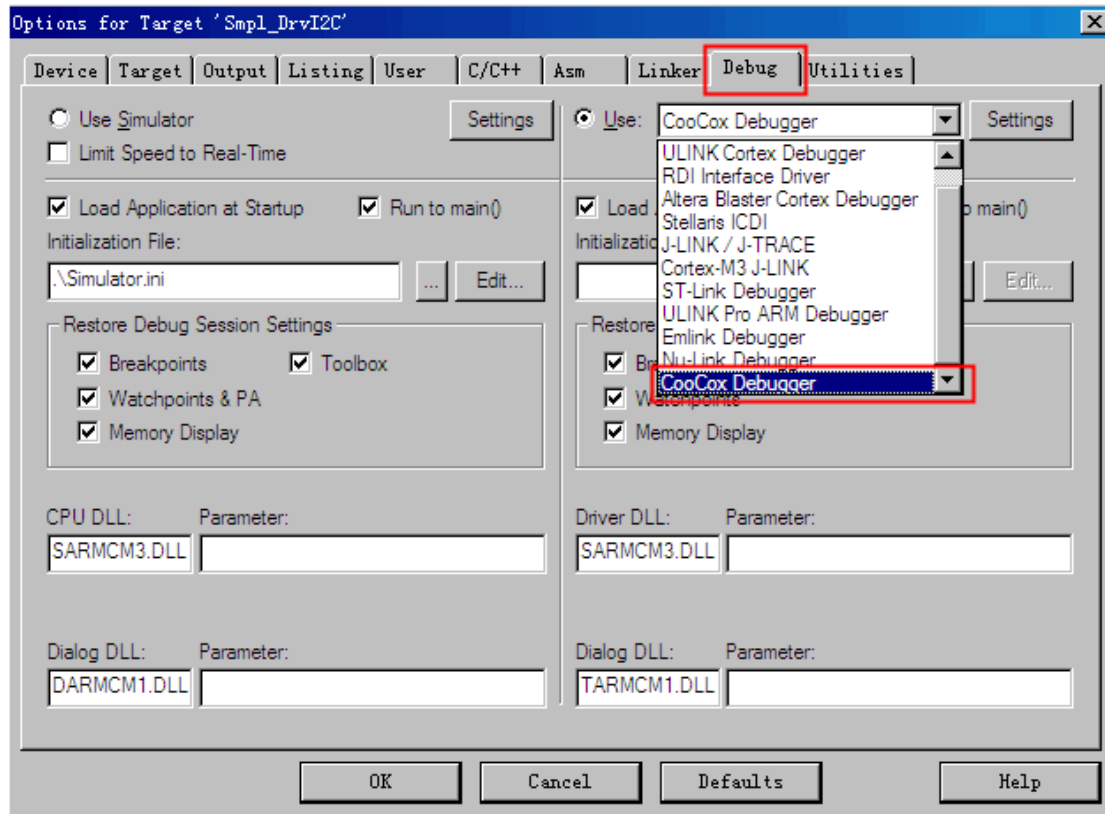


- Click "Finish".



Now you need to do the following configurations while use it in MDK:

1. **Debug** -> **Use** of the configuration selects "CooCox Debugger".



2. Click **Settings**, select "ColinkEx" for the Adapter.

