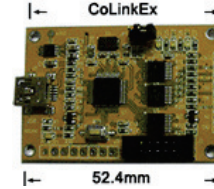# CooCox

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CoLinkEx

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

CooCox CoLinkEx is open, you can **Do It Yourself** or Buy from Newark.Element14.

Note: If you want to use CoLinkEx with CoIDE 1.4.0(or higher), CoFlash 1.4.0(or higher), CoMDKPlugin 1.4.0(or higher), you need to upgrade the firmware and install CoLinkEx Driver 1.2.0 or 1.2.1 at first.

Features:

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

|← CoLinkEx →|

|← 52.4mm →|

Supported Devices:

JTAG debugging

Atmel	NXP	ST	TI

- AT91SAM3U4E   AT91SAM3U4C
- AT91SAM3U2E   AT91SAM3U2C
- AT91SAM3U1E   AT91SAM3U1C

SW debugging

Atmel	Energy Micro	Holtek	NXP	Nuvoton	ST

- AT91SAM3U4E   AT91SAM3U4C
- AT91SAM3U2E   AT91SAM3U2C
- AT91SAM3U1E   AT91SAM3U1C

Downloads:

Before you use CooCox CoLinkEx, you need to update CoLinkEx firmware and install CoLinkEx Driver first.

CoLinkEx Firmware | How to update

Choose ColinkExUsbDriver Vesion

	Version 1.2.0	**Version 1.2.1**
windows XP (32bit WHQL)	✓	✓
windows 7 (32bit WHQL)	✓	✓
windows 7 (64bit)		✓
windows vista (32bit)	✓	✓
windows vista (64bit)		✓
Download	ColinkExUsbDriver Version 1.2.0	ColinkExUsbDriver Version 1.2.1
Note	• If you're using the 32 bit windows system, please use this version. • You can modify the "ColinkEx.inf" file to make it support 64 bit system.Do like this : Colinex driver on Win7 / 64	• This version doesn't have WHQL, please connect CoLinkEx to the computer before you start installing this driver.

CoLinkEx support is available in:

- Keil RealView MDK 4.03 or higher (not include 4.13a)
- IAR Embedded Workbench 5.xx or higher
- CooCox CoFlash
- CooCox CoIDE

CoLinkEx Software:

- CoLinkEx Plugin for Keil RealView MDK
- CoLinkEx Plugin for IAR Embedded Workbench

CoLinkEx Guide
▸ Hardware DIY
▸ Use in CoIDE
▸ Software
   Plugin for MDK
   How to use
▸ How to use CoLinkEx_LPC1114 kit

CoLinkEx Updates
NEW CoLinkEx plugin for MDK V1.4.2
NEW CoLinkEx firmware and driver updated

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