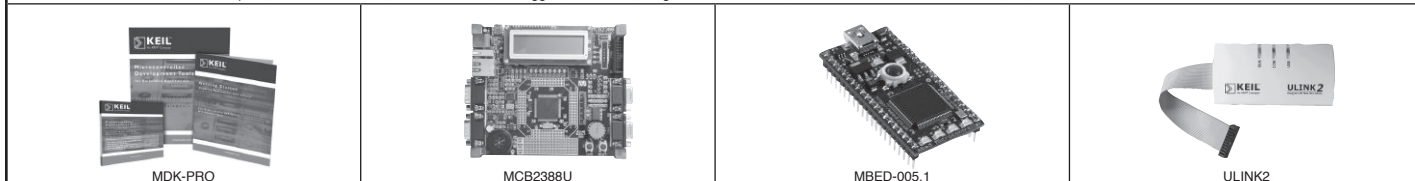


# KEIL Development Tools



RoHS Compliant This product is RoHS compliant.

Keil Software makes C compilers, macro assemblers, real-time kernels, debuggers, simulators, integrated environments, and evaluation boards for the 8051, 251, ARM, and XC16x/C16x/ST10 microcontroller families.



## ARM® MCU DEVELOPMENT TOOLS FOR ARM-POWERED DEVICES

- Supports Cortex-M0, Cortex-M1, Cortex-M3, Cortex-M4, ARM7, and ARM9 devices
- MicroLib highly optimized run-time library
- μVision IDE, debugger and simulation environment
- Real-Time Trace for Cortex-M3 processor based devices
- ARM industry-leading C/C++ compiler from ARM
- Keil RTX – deterministic Real-Time Operating System

MOUSER STOCK NO.	Keil Software Part No.	Description	Price Each
830-MDK-ARM	MDK-ARM	RealView Microcontroller Development Kit - Includes C/C++ Compiler, Assembler, μVision, RTT	4595.00
830-MDK-ARM-B	MDK-ARM-B	RealView Microcontroller Development Kit - Includes C/C++ Compiler, Assembler, μVision, RTT (256K Code Limit)	2695.00
830-MDK-FREESCALE	MDK-FREESCALE	Software development environment for Freescale Kinetis devices	695.00
830-MDK-PRO-T	MDK-PRO-T	ARM Software development environment - Professional	3795.00
830-MDK-PRO	MDK-PRO	ARM Software development environment - includes the ARM C++ compiler, μVision IDE/Debugger, middleware libraries, & Keil RTX realtime OS	9295.00

## ARM® MCU DEVELOPMENT TOOLS

- Wide range of evaluation boards for ARM, Cortex-M0, Cortex-M3, Cortex-M4, 8051, and C166
- Available as starter kits which include a ULINK-ME debug adapter
- Hardware support for Ethernet, CAN, USB, USB Host/OTG, SD Card, serial interfaces, and QVGA LCDs
- All boards and starter kits include evaluation software, cables, documentation, and example programs
- Example projects save you time and help you begin using the boards peripherals straight away
- Choose from the list of boards or use the architecture comparisons to select a suitable board

NXP Devices			
830-MCB1114	MCB1114	LPC1114FBD48/302 Single Board Computer with JTAG and SWD - Includes Evaluation Keil ARM Tools	150.00
830-MCB1114U	MCB1114U	LPC1114FBD48/302 Single Board Computer with JTAG and SWD - Includes Evaluation Keil ARM Tools and ULINK2	350.00
830-MCB1114UME	MCB1114UME	LPC1114FBD48/302 Single Board Computer with JTAG and SWD - Includes Evaluation Keil ARM Tools and ULINK-ME	210.00
830-MCB11C14	MCB11C14	LPC11C14FB48/301 Single Board Computer with JTAG, SWD, and CAN - Includes Evaluation Keil ARM Tools	150.00
830-MCB11C14U	MCB11C14U	LPC11C14FB48/301 Single Board Computer with JTAG, SWD, and CAN - Includes Evaluation Keil ARM Tools and ULINK2	350.00
830-MCB11C14UME	MCB11C14UME	LPC11C14FB48/301 Single Board Computer with JTAG, SWD, and CAN - Includes Evaluation Keil ARM Tools and ULINK-ME	210.00
830-MCB11U10	MCB11U10	LPC11U14/201 Single Board Computer with JTAG and SWD - Includes Evaluation Keil ARM Tools	150.00
830-MCB11U10U	MCB11U10U	LPC11U14/201 Single Board Computer with JTAG and SWD - Includes Evaluation Keil ARM Tools and ULINK2	350.00
830-MCB11U10UME	MCB11U10UME	LPC11U14/201 Single Board Computer with JTAG and SWD - Includes Evaluation Keil ARM Tools and ULINK-ME	210.00
830-MCB1200	MCB1200	LPC1227FBD64/301 Single Board Computer with JTAG and SWD - Includes Evaluation Keil ARM Tools	150.00
830-MCB1200U	MCB1200U	LPC1227FBD64/301 Single Board Computer with JTAG and SWD - Includes Evaluation Keil ARM Tools and ULINK2	350.00
830-MCB1200UME	MCB1200UME	LPC1227FBD64/301 Single Board Computer with JTAG and SWD - Includes Evaluation Keil ARM Tools and ULINK-ME	210.00
830-MCB1343	MCB1343	LPC1343FBD48 Single Board Computer with SPI and USB - Includes Evaluation Keil ARM Tools	150.00
830-MCB1343U	MCB1343U	LPC1343FBD48 Single Board Computer with SPI and USB - Includes Evaluation Keil ARM Tools and ULINK2	350.00
830-MCB1343UME	MCB1343UME	LPC1343FBD48 Single Board Computer with SPI and USB - Includes Evaluation Keil ARM Tools and ULINK-ME	210.00
830-MCB1750	MCB1750	LPC175x Single-Board Computer with USB, CAN and JTAG - Includes Evaluation Keil ARM Tools	320.00
830-MCB1750U	MCB1750U	LPC175x Single-Board Computer with USB, CAN and JTAG - Includes Evaluation Keil ARM Tools and ULINK2	520.00
830-MCB1850	MCB1850	LPC1850 ARM Cortex-M3 Single Board Computer with CAN - Includes Evaluation Keil ARM Tools	330.00
830-MCB1850U	MCB1850U	LPC1850 ARM Cortex-M3 Single Board Computer with CAN - Includes Evaluation Keil ARM Tools with ULINK2	530.00
830-MCB1850UME	MCB1850UME	LPC1850 ARM Cortex-M3 Single Board Computer with CAN - Includes Evaluation Keil ARM Tools with ULINK-ME	390.00
830-MCB2100	MCB2100	LPC211x/212x Single-Board Computer with CAN and JTAG - Includes Evaluation Keil ARM Tools	149.00
830-MCB2100U	MCB2100U	LPC211x/212x Single-Board Computer with CAN and JTAG - Includes Evaluation Keil ARM Tools and ULINK2	349.00
830-MCB2140	MCB2140	LPC214x Single-Board Computer with JTAG - Includes Evaluation Keil ARM Tools	179.00
830-MCB2388U	MCB2388U	Eval Board for NXP LPC2388+ULINK2	429.00
830-MCB2388UME	MCB2388UME	LPC2388x Single-Board Computer with USB, CAN and JTAG - Includes Evaluation Keil ARM Tools and ULINK-ME	289.00
830-MCB2460U	MCB2460U	LPC246x Single-Board Computer with USB, CAN and JTAG - Includes Evaluation Keil ARM Tools and ULINK2	570.00
830-MCB2470	MCB2470	LPC247x Single-Board Computer with USB, CAN and JTAG - Includes Evaluation Keil ARM Tools	370.00
830-MCB2470U	MCB2470U	LPC247x Single-Board Computer with USB, CAN and JTAG - Includes Evaluation Keil ARM Tools and ULINK2	570.00
830-MCB2929	MCB2929	LPC2929x Single-Board Computer with USB, CAN and JTAG - Includes Evaluation Keil ARM Tools	309.00
830-MCB2929U	MCB2929U	LPC2929x Single-Board Computer with USB, CAN and JTAG - Includes Evaluation Keil ARM Tools and ULINK2	509.00
830-MBED-005.1	MBED-005.1	Rapid Prototyping Board for NXP LPC1768 - Ethernet, USB, I2C, CAN and UART	59.00
STMicroelectronics Devices			
830-MCBSTM32F200	MCBSTM32F200	STM32F207IG ARM Cortex-M4 Single Board Computer with I2C, USB, CAN, and UART - Includes Evaluation Keil ARM Tools	365.00
830-MCBSTM32F200U	MCBSTM32F200U	STM32F207IG ARM Cortex-M4 Single Board Computer with I2C, USB, CAN, & UART - Includes Evaluation Keil ARM Tools with ULINK2	565.00
830-MCBSTM32F200UME	MCBSTM32F200UME	STM32F207IG ARM Cortex-M4 Single Board Computer with I2C, USB, CAN, & UART - Includes Evaluation Keil ARM Tools with ULINK-ME	425.00
830-MCBSTM32F400	MCBSTM32F400	STM32F407IG ARM Cortex-M4 Single Board Computer with I2C, USB, CAN, and UART - Includes Evaluation Keil ARM Tools	365.00
830-MCBSTM32F400U	MCBSTM32F400U	STM32F407IG ARM Cortex-M4 Single Board Computer with I2C, USB, CAN, and UART - Includes Evaluation Keil ARM Tools with ULINK2	565.00
830-MCBSTM32F400UME	MCBSTM32F400UME	STM32F407IG ARM Cortex-M4 Single Board Computer with I2C, USB, CAN, & UART - Includes Evaluation Keil ARM Tools with ULINK-ME	425.00

## TOWER SYSTEM STARTER KITS

MOUSER STOCK NO.	Keil Software Part No.	Description	Price Each
830-MCBTWRK60-DEV	MCBTRWRK60-DEV	Freescale Kinetis K60 Tower System, ULINK-ME, and MDK-Freescale	945.00
830-MCBTWRK60UME	MCBTRWRK60UME	Freescale Kinetis K60 Tower System, ULINK-ME, and MDK-Lite	239.00

## 8051 MCU DEVELOPMENT TOOLS FOR CLASSIC AND EXTENDED 8051 DEVICES

- Numerous example programs are included to help you get started with the most popular embedded 8051 devices
- When starting a new project, simply select the microcontroller you use from the Device Database and the μVision IDE sets all compiler, assembler, linker, and memory options for you

830-PK51	PK51	C51 V8 Professional Developer's Suite - Includes A51 + CA51, Assembler, Utilities, Target Debuggers and μVision IDE	3295.00
830-CA51	CA51	C51 V8 Compiler - Includes C Compiler and uVision	1895.00
830-MCB900	MCB900	Flexible Prototype Board for Phillips P89LPC93x - Includes μVision LPC Studio and 4K - Limited Tools	60.00

## ULINK/PC-LINT DEBUGGERS AND SYNTAX CHECKER

- Download programs to your target hardware
- Run programs in real-time
- On-the-fly debug of ARM Cortex-M based devices
- Examine memory and registers
- Program Flash Memory
- Examine Trace information from ARM Cortex-M3 and Cortex-M4 devices
- Single-step through programs and insert multiple breakpoints
- Connect using JTAG or Serial Wire modes

830-ULINK2	ULINK2	USB-JTAG Adapter - On-chip Debugging (using on-chip JTAG, SWD, or SWV) + Flash Memory Programming	399.00
830-ULINKPRO	ULINKPRO	USB-JTAG Trace Adapter - Instruction Trace, Serial Wire Debug and JTAG Support	1395.00
830-CIA00-KT-00000	CIA00-KT-00000	ULink Pro Isolation Adapter Kit	250.00
830-ULINKPRO-5V-ADPT	ULINKPRO-5V-ADPT	ULink Pro 5V adapter kit	60.00
830-ULC-2010B	ULC-2010B	20 to 10 pin Flatwire Non-Polarised Adapter For U-LINK	8.00