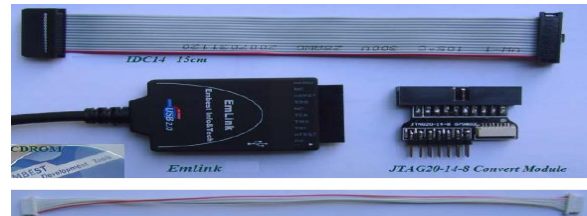# Embest - EMLINK-AH - USB to JTAG Adapter

Product Overview:

Emlink for ARM is a new-generation high-speed real time JTAG adapter, debugs the ARM Cortex-M3 processors through Keil Realview MDK and IAR EWARM. Emlink connects the JTAG interface from target board (ARM processors) to PC USB port, supports source level debugging and Flash programming.

Kit Contents:

Emlink ICE for ARM has:

- Emlink ICE for Blackfin
- JTAG20-14-8 Convert Module
- JTAG 14Pins Cable
- JTAG 8Pins Cable
- CDROM

Key Features:

- Supports ARM Cortex-M3 devices (ST STM32 series, Luminary Stellaris series, NXP LPC1700 series, Toshiba TMPM series etc)
- Download and debug speed up to 250 KBytes/s (about 2Mbps)
- 20-pin JTAG interface (convert to support 8-pin, 14-pin), does not support SWD.
- Wide target voltage range compatible: 3.3V to 5V
- No power supply required, powered through USB
- Easy to install using a single setup program
- Integrates seamlessly into Keil RealView MDK and IAR Embedded Workbench
- Supports hardware and software breakpoints
- Measured with STM32F103 at 72Mhz, 6MHz JTAG speed

Ordering Information:

Products:

Part Number	Manufacturer	Farnell P/N	Newark P/N
EMLINK-AH	Embest	NA	63R5721

Associated Products:

Part Number	Manufacturer	Description	Farnell P/N	Newark P/N
SW_LICA	Embest	Emlink for ARM License	1788113	63R5737
STM32F101C8T6	ST	32-Bit Cortex ARM	1447629	59M2175
STM32F103C8T6	ST	32-Bit Cortex ARM	1447637	59M2182
LPC1751FBD80	NXP	32-Bit Cortex ARM	1718541	15R1832
LPC1752FBD80	NXP	32-Bit Cortex ARM	1718542	15R1833
LPC1754FBD80	NXP	32-Bit Cortex ARM	1718543	15R1834
LPC1756FBD80	NXP	32-Bit Cortex ARM	1718544	15R1835
LPC1758FBD80	NXP	32-Bit Cortex ARM	1718545	15R1836

Similar Products:

Part Number	Manufacturer	Description	Support Device	Farnell P/N	Newark P/N
STX-RLINK	ST	Debugger/programmer	STM8, ST7, µPSD, STM32, STR7 and STR9	1171272	89K1682
ST-LINK	ST	Debugger/programmer	STM8 and STM32	1779159	53R2083

Document List:

Datasheet:

Part Number	Description	Size
STM32F101C8T6	32-Bit Cortex ARM	998KB
STM32F103C8T6	32-Bit Cortex ARM	1.1MB

LPC1751FBD80	32-Bit Cortex ARM	1.67MB
LPC1752FBD80	32-Bit Cortex ARM	1.67MB
LPC1754FBD80	32-Bit Cortex ARM	1.67MB
LPC1756FBD80	32-Bit Cortex ARM	1.67MB
LPC1758FBD80	32-Bit Cortex ARM	1.67MB

Application Notes:

File Name	Size
How to migrate from the STM32F10xxx firmware library V2.0.3 to the STM32F10xxx standard peripheral library V3.0.0	1.5MB
Clock/calendar implementation on the STM32F10xxx microcontroller RTC	433KB
TFT LCD interfacing with the high-density STM32F10xxx FSMC	804KB
Improving STM32F101xx and STM32F103xx ADC resolution by oversampling	200KB
STM32F10x in-application programming using the USART	257KB