

Emlink ICE for Blackfin

An USB JTAG Adapter to Debug Blackfin DSP with ADI VisualDSP++



System connection:

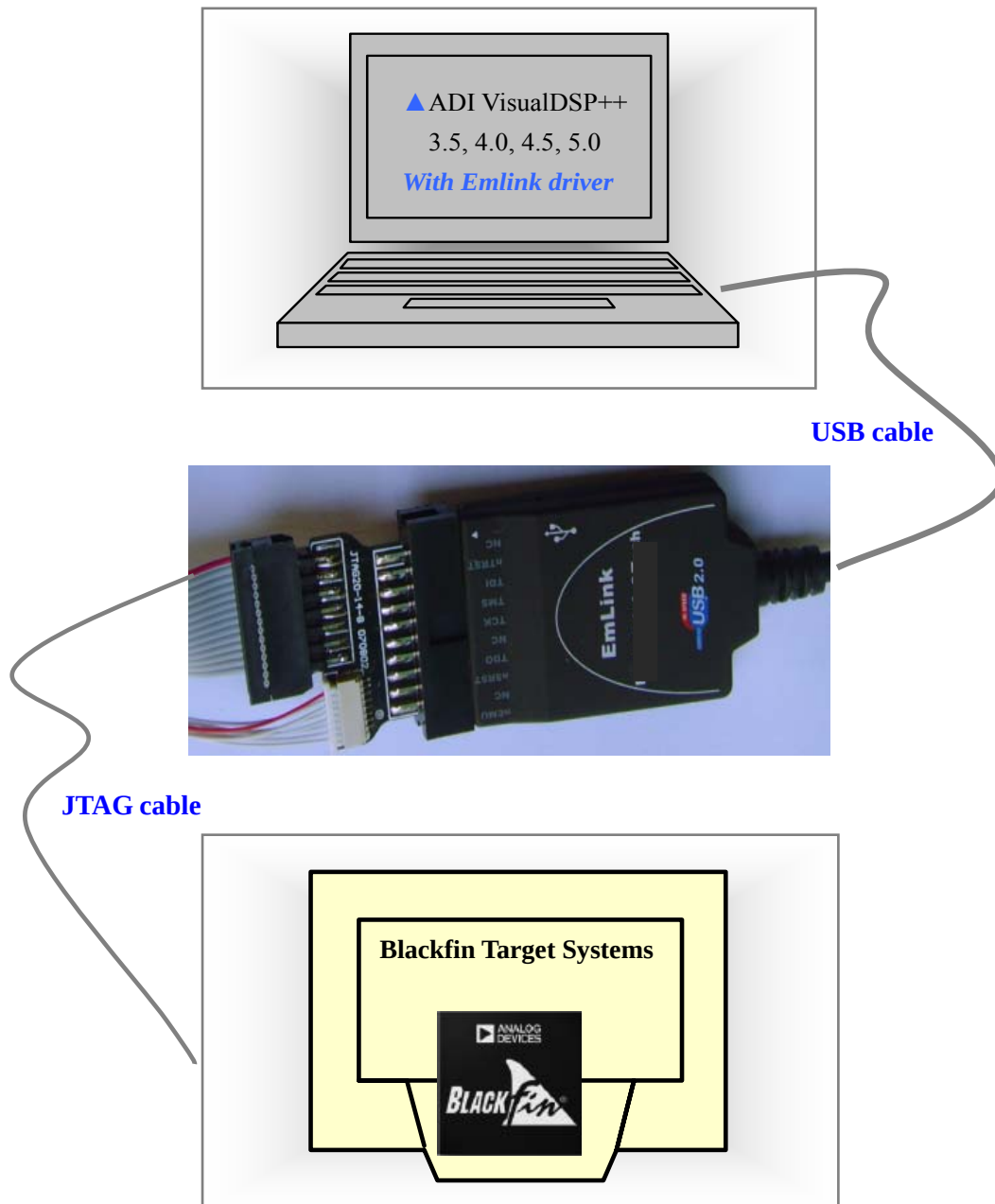


Diagram of Emlink and Blackfin DSP processors system connection

Hardware Features:

† Compatible with ADI **VisualDSP++™ 3.5, 4.0, 4.5, 5.0** IDE

† Supports ADI Blackfin DSP processors:

BF531, BF532, BF533, BF534, BF536, BF537 etc.

† Supports to debug operation, Halt, Step, Run, Breakpoint.

† Supports **USB 2.0** protocol (compatible with USB 1.1).

† Mini and smart size: 45x32x12mm, weight only 60g.

† Power supply via USB port, without power adapter.

† JTAG port (20pins, FH2.54mm) for connecting target board.

† Downloading and debugging speed up to **200KBytes/s (1.5Mbps)**.

† Supports to program on-board Flash memory.



Software driver:

Emlink driver for Blackfin	BF531/2/3	BF534/6/7	BF538/9	BF561	BF52x	BF54x
EMLINK-BH	Supported	Supported	<i>Not support</i>	<i>Not support</i>	<i>Not support</i>	<i>Not support</i>

* Emlink driver for Blackfin should install together with ADI VisualDSP++™, which an IDE licensed by ADI.

* EMLINK-BH is the version name of Emlink driver for Blackfin, provided by Embest.

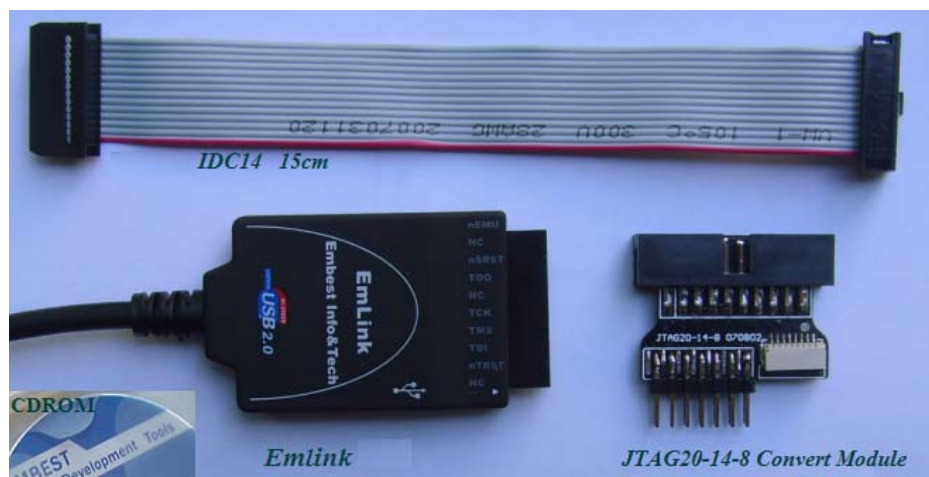
* 'Not support' means that current version of Emlink driver does not support these processors at now or in future.

IMPORTANT NOTES: EMLINK-BH does not support the debugging of VDK applications right now, and we do our utmost to support it as soon as possible, then customers upgrade it free via internet.

Host Requirement

Hardware Architecture	Operating Systems	Support Software
Intel x86 32-bit	Windows XP Windows 2000 Windows Server 2003	ADI VisualDSP++ 4.0, 4.5 or 5.0, and Blackfin processors support licenses from Analog Devices Inc.

Emlink for Blackfin *Package and List*



No.	Items	Qty.	Descriptions
1	Emlink ICE for Blackfin	1	USB2.0/1.1 to PC, JTAG 20pins 1.54mm female to target system.
2	JTAG20-14-8 Convert Module	1	A tiny board, translate the signal JTAG 20pins to 14pins & 8pins.
3	IDC14 Cable	1	Pin to Pin, IDC14, 15cm
4	CDROM	1	Include Emlink driver installation files and user manual. NOTES: EMLINK-BH driver and user manual can also be downloaded via internet using the IP address we should e-mail you after receiving your payment.