



Embedded Audio Solutions

from



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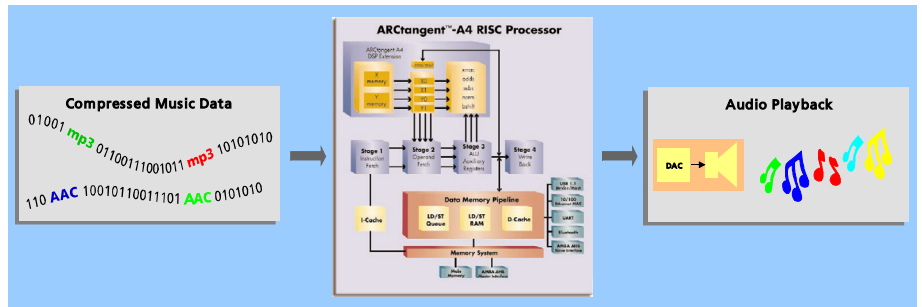
in cooperation with



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CorePool IP

CorePool includes both hardware and software solutions for the embedded market. CorePool is a brand name of Fraunhofer IIS, an ARC certified ASIC design centre and the leader in high quality, low bit-rate audio coding research: »The home of mp3«

Features at a Glance

- combines the audio coding expertise of Fraunhofer IIS with the ARCtangent™-A4, a proven and configurable processor core
- fully independent of process technology or chip vendor, giving the freedom to choose the most suitable and cost effective semiconductor fab
- based on industry proven software from Fraunhofer IIS, the basis for many commercial products sold in the market today
- low clock and resource requirements allow FPGA based real time prototyping, to enable first-time-right silicon
- mp3 and AAC decoders are available today, mp3PRO is currently under development
- additional audio and video solutions from the Fraunhofer IIS portfolio are available on request

Ease of Use

The ARCtangent™-A4 processor can be build in just a few minutes using a graphical interface configuration tool.

The audio software has been designed using a layered approach to enable an easy integration into the system environment. In most cases the only changes required are to adapt the I/O handling for the implementation specific hardware devices.

The audio decoder software is supplied, supported and maintained directly by Fraunhofer IIS. This is the firsthand contact for system integration.

Additional design services, and supplementary hardware, software and prototyping support is available on request.

More Information

Information on the ARCtangent™-A4 processor, related hardware IP and tools, is available from: <http://www.ARC.com>

More detailed information on Fraunhofer IIS audio solutions, including data sheets, is available from: <http://www.corepool.com/audio>

For more information on mp3 or AAC licensing please see: <http://www.mp3-licensing.com>
<http://www.aac-audio.com>