# VSIDE - VSDSP Integrated Development Environment

Tampere, Finland, 13th of May 2010 - VLSI Solution has today announced VSIDE - the VSDSP Integrated Development Environment

VSIDE is an integrated development environment for VLSI Solution's 16/40-bit VSDSP digital signal processor family. It contains a complete set of development utilities, including an optimizing ANSI-C compiler, assembler, linker, profiler, etc. All programs are integrated into a simple-to-use, easy-to-learn package running on a PC / Windows XP or Vista platform.



VSIDE supports emulator-based debugging using real hardware. It also contains several example projects to help users get easily started. The beta version of the tool has been successfully used in the development of many audio products such as echo cancellation for Skype phone and pitch shifting of the audio source for a portable karaoke product. DSPeaker's (www.dspeaker.com) award winning Anti-Mode™ algorithm was debugged in a short time by using the powerful tools of VSIDE.

VSIDE currently supports VLSI Solution's audio codec chip VS1053 as well as VLSI's all-new digital signal processor circuit VS8053. Support for the low cost VS1000 audio system chip will be added by Q1/2011.

Keeping with the spirit of VLSI Solution's openness policy, VSIDE can be downloaded for free at: http://www.vlsi.fi/en/support/software/vside.html

### About VLSI Solution

*VLSI Solution is an innovative new technology creator that designs and manufactures integrated circuits. Within its 19 years of existence VLSI has build an extensive in-house IP library and has the capability to pull through complicated mixed-signal IC projects, ranging from digital audio to RF applications.*