

## VS1003B CODE EXAMPLES

VSMPG “VLSI Solution Audio Decoder”

Project Code:

Project Name: VSMPG

Revision History			
Rev.	Date	Author	Description
0.5	2005-05-31	PO	Initial version

# 1 VS1003B Code Examples

This package contains a working setup for user code development for VS1003B. In addition you need VSKIT and a perl interpreter. Read the tools manual from the VSKIT distribution for general VSDSP coding tips, and tool usage documentation.

Included:

- Makefile - project makefile for command file
- mem\_desc.vs1003 - VS1003B memory map for linking
- rom1003.txt - absolute address definitions for VS1003B
- vs1003.h - the most useful definitions and function prototypes
- c.s - ASM stub and hookup code, ADC interrupt stub
- mycodec.c - C code for startup, idle hook, and user codec
- coff2cmd.pl - converts a COFF executable into command file
- cmdtotab.pl - converts a command file into C arrays

Generated:

- mycodec.bin - application executable
- mycodec.cmd - application loading command script
- mycodetab.c - application loading tables as C code