

## ***TMS320C3x DSK Tools and Demonstrations***

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### **ABSTRACT**

The executable download associated with this document contains the TMS320C3x HLL Debugger, Code Generation Tools, Demonstration Applications, and Technical Documentation. The demonstration applications cover a wide variety of topics for the new or highly advanced user. Standalone DSP applications such as analog loopback and filtering, as well as writing host side applications to view DSP data (FFT analyzer) are included. Code examples are built to run on Windows and DOS console applications.

Contents of this download include:

#### **Code Generation Tools**

- C/Asm COFF Tools
- DSK Assembly Tools
- File Conversion Tools

#### **Debugger**

- C/ASM/DSK HLL Debugger
- Integrated Editor
- Enhanced Control/Watch Window
- Online Help
- Interactive Graphing
- Interactive Application Controls
- Special Data View options, DSKIO Standard Oputput functions

#### **DSP Application Example**

- FIR, IIR, FFT, Real FFT, Sliding DFT, Audio Compression, Stereo Equalizer, and PWM

#### **Interactive Windows Demo**

- Stereo FTT Spectrum Analyzer and Signal Generator
- Stereo Oscilloscope
- Stereo Wave File Play/Record
- Stereo 10 Band Equalizer

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