# TI Software:
# A Progress Report

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# Strategy & Objectives

◆ Drive innovation with new tools for developing complex applications

◆ Integrate established tools with new leading-edge software development technology

◆ Create a new development paradigm for DSP
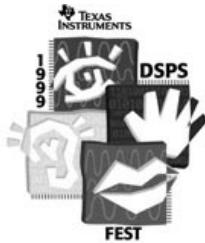
# Code Composer Studio

◆ **Launch: June 1999**

◆ **Integrated**

◆ **Easy-to-use**

◆ **Comprehensive**



Open Infrastructure

**Composer** studio

Plug-in

Plug-in

Plug-in

Debug Server | Project Server | Edit Server | etc...

DSP   DSP
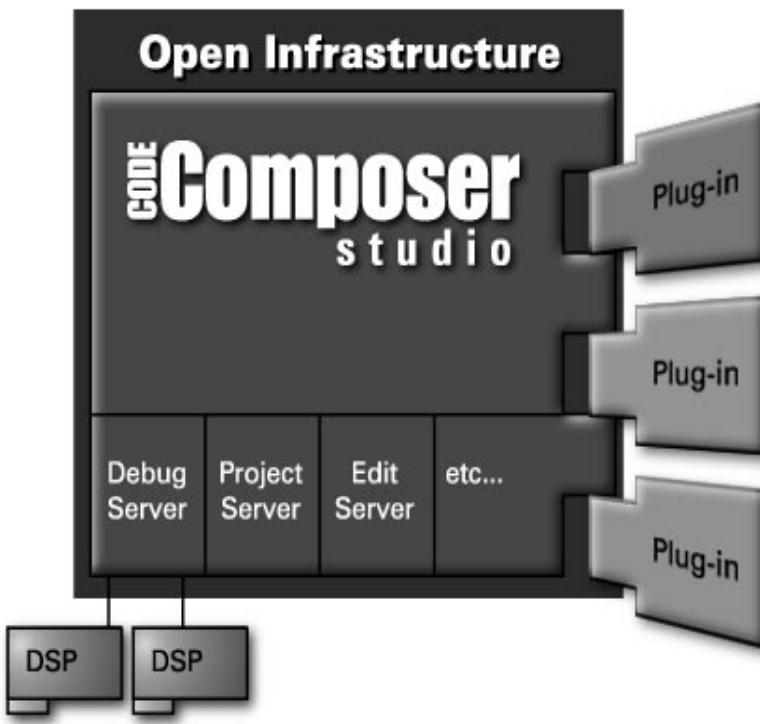
# CCS: The Reviews Are In!

◆ " This is truly a revolutionary product, Not just an evolutionary advance from the earlier version of Code Composer. The feature set is quite amazing"

    -- Louis Kerofsky, PictureTel

◆ "The development environment of Code Composer Studio far exceeds that of our other real-time development environment"

-- Scott Denis, Datron World Communications
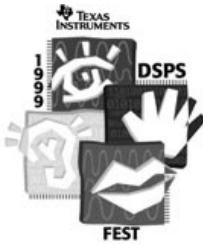
TEXAS INSTRUMENTS

# CCS Software Development Kit

◆ **Launch: April 1999**

◆ **Open, completely integrated with CCS**

◆ **Plug-in tools already in development at third-parties**
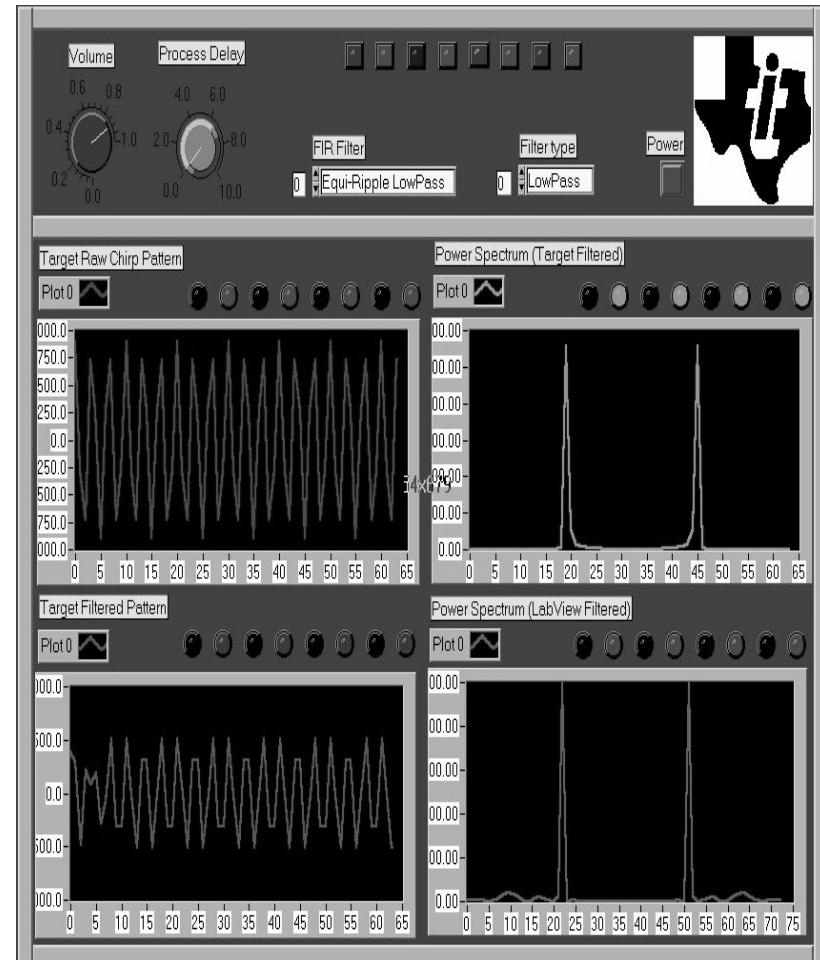
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# DSP/BIOS Integrated Into CCS

◆ **Launch: June 1999**

◆ **Bundled, no run-time royalties required**

◆ **Small, modular, scalable…and completely integrated**
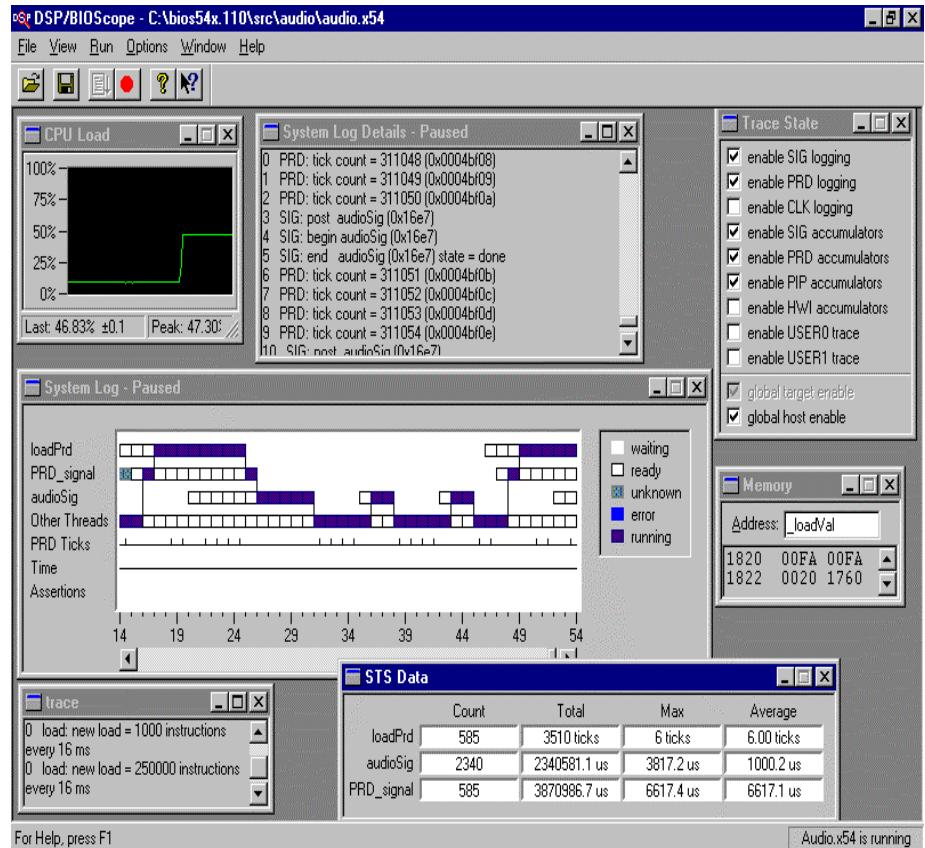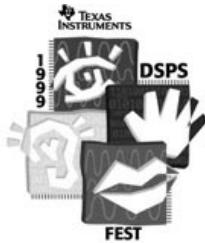
# RTDX Integrated Into CCS

◆ **Launch: June 1999**

◆ **Transfer data to/from host…without stopping the task**

◆ **Data gathering: in background, without disturbing main program**

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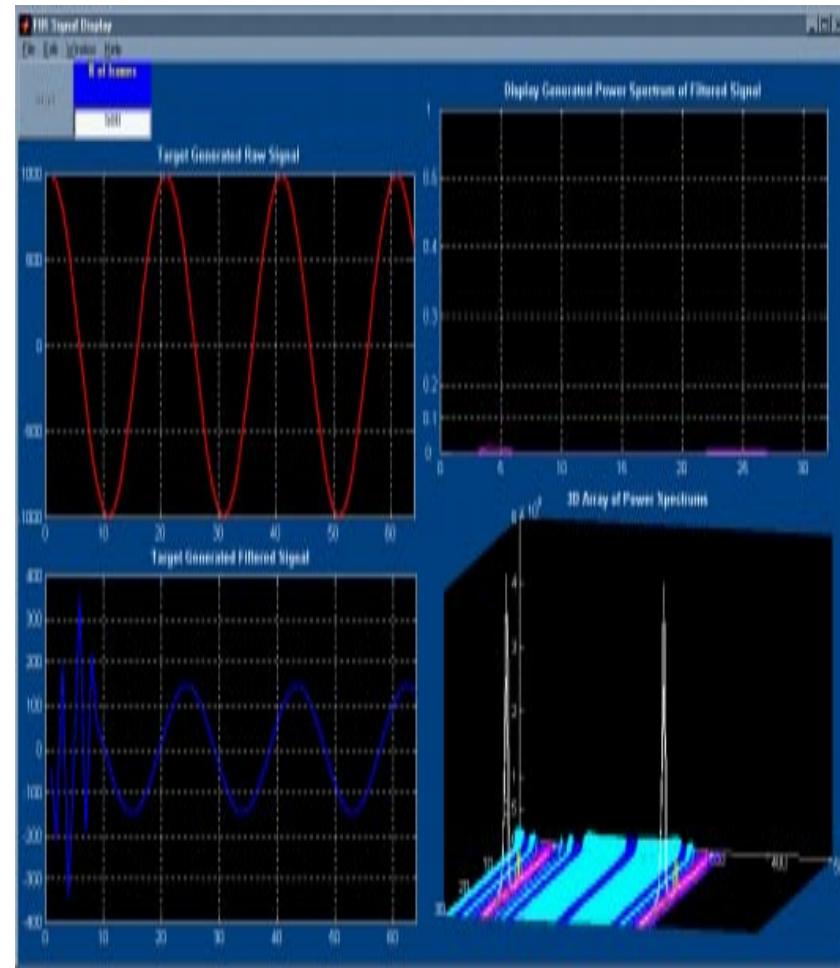
# TI Third Party Network Growth

◆ **New business opportunities:**

 ■ **Through the Third Party Resource Guide**

 ■ **By opening the Host and Target environments**

◆ **New Members**

# Code Generation Milestones

- C6000 v3.0 Code Generation with enhanced VLIW optimizations
- TAP 5000 C5x-to-C54x Interactive Assembly Translator
- C++ and Far pointers for the C27x
- Improved validation and regression testing
- C54x GSM Intrinsics Support
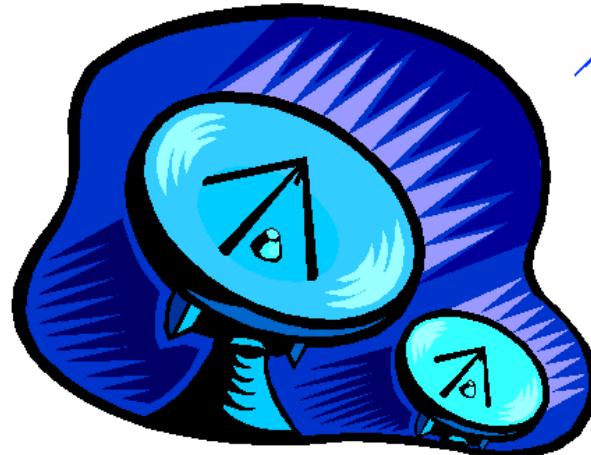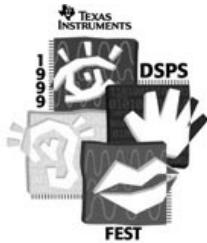
# What's Ahead In Software?

**eXpressDSP**: Raising the bar in DSP software development

◆ New development tools

◆ DSP/BIOS real-time foundation

◆ Application Interoperability Standards

◆ Further Growth of the TI Value Web

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