The Tinker's Toolbox - Brett Fox of Touchstone Semi on Analog Circuit Design

Hosted by Alix Paultre, the Tinker's Toolbox is the Advantage Design Group's web-based interview show where we talk about the latest technology, components, and design issues for the electronic design engineering community.

In today's podcast we talk to Brett Fox, CEO of Touchstone Semiconductors on analog circuits and the challenges to today's designers. Touchstone creates high-performance analog integrated circuits that address critical problems. Their second-source products are pin-compatible, specification identical solutions, offering customers an alternative source for hard to get sole-sourced products.

Right-click to download the podcast [1]

Here is another link to the podcast in case the play button is not visible: Touchstone Interview [1]

Here is a recent release from the company:

Touchstone Semiconductor, a developer of high-performance analog integrated circuit solutions, today announced that it will provide free demo boards to potential customers. The offer includes all demo boards in Touchstone's growing portfolio of high-performance analog products, including the groundbreaking 0.8V, 0.6µA TS1001 operational amplifier, and the new TS9001-1 and TS9001-2 ultra low-power voltage monitor ICs.

Engineers can register for their free demo boards at http://www.touchstonesemi.com/freedemoboards.html. The free demo boards will be available until Sept. 30. A valid corporate email address is required.
"Our customers are finding our demo boards really simplify their evaluation process," said Adolfo Garcia, vice president, Applications and Marketing, Touchstone Semiconductor. "We decided to make it even easier for our customers by providing our demo boards free of charge."

Easy to Use Demo Boards with Plenty of Test Points
Every demo board Touchstone makes is designed for simple set up and easy analysis. Just connect a power supply, and users can easily observe the performance of the Touchstone part.

TS1001 Low-Power Op Amp Demo Board
The TS1001 demo board provides both non-inverting and inverting configurations. The TS1001 op amp is the first and only single-supply operational amplifier to cut power requirements at least in half compared to any other amplifier. The TS1001 is fully specified to operate on a 0.8V supply while consuming less than 0.6µA supply current.

TS9001 Low-Power Voltage Monitor Demo Board
The TS9001 demo board contains the push-pull TS9001-1 and the open-drain TS9001-2. Each circuit is configured as a simple threshold detector with additional hysteresis. The TS9001-1 and the TS9001-2 voltage monitor ICs incorporate a +1.252V reference with a 1% initial accuracy. The TS9001-1 offers a robust push-pull output stage with increased output current drive while the TS9001-2 offers an open-drain output stage that can be used in mixed-voltage systems design. Both TS9001s are fully specified to operate from +1.6V to 5.5V supplies while consuming less than 0.65µA supply current.

About Touchstone - www.touchstonesemi.com [2]

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