

Analog and Mixed-Signal Center
3128 TAMU
College Station, TX 77843-3128
Tel. (979) 845-7498
Fax. (979) 845-7161
E-mail:s-sanchez@tamu.edu



**ELECTRICAL & COMPUTER
ENGINEERING**
TEXAS A & M UNIVERSITY

SEMINAR

Room 1035 ETB

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My Favorite Analog Circuits

by

Axel Thomsen
Cirrus Logic

Abstract: Recently at the CICC in Austin I was on a panel discussion on ‘my favorite analog/RF/mixed signal circuits’ for which I prepared this talk.

In my presentation I show a few simple circuits with surprising functions, some interesting feedback systems and an opamp with built-in matched impedance. Some of these are interview question circuits but most of them have been used in real products.

Axel Thomsen received his PhD from Georgia Tech in 1992. He was a professor at University of Alabama in Huntsville from 2003 to 2005. He joined Cirrus Logic in Austin, TX in 1995 to work on seismic and industrial data acquisition circuits. From 2001 to 2015 he worked on PLLs, RF isolators, and MCU peripherals for Silicon Labs. He re-joined Cirrus in 2015 as Engineering Fellow in the MEMS team. He is Chair of the Power Management Subcommittee at ISSCC and occasionally teaches at UT.