

# EE 247

# Analog-Digital Interface Integrated Circuits

## Introduction

Bernhard E. Boser & Simone Gambini

University of California, Berkeley

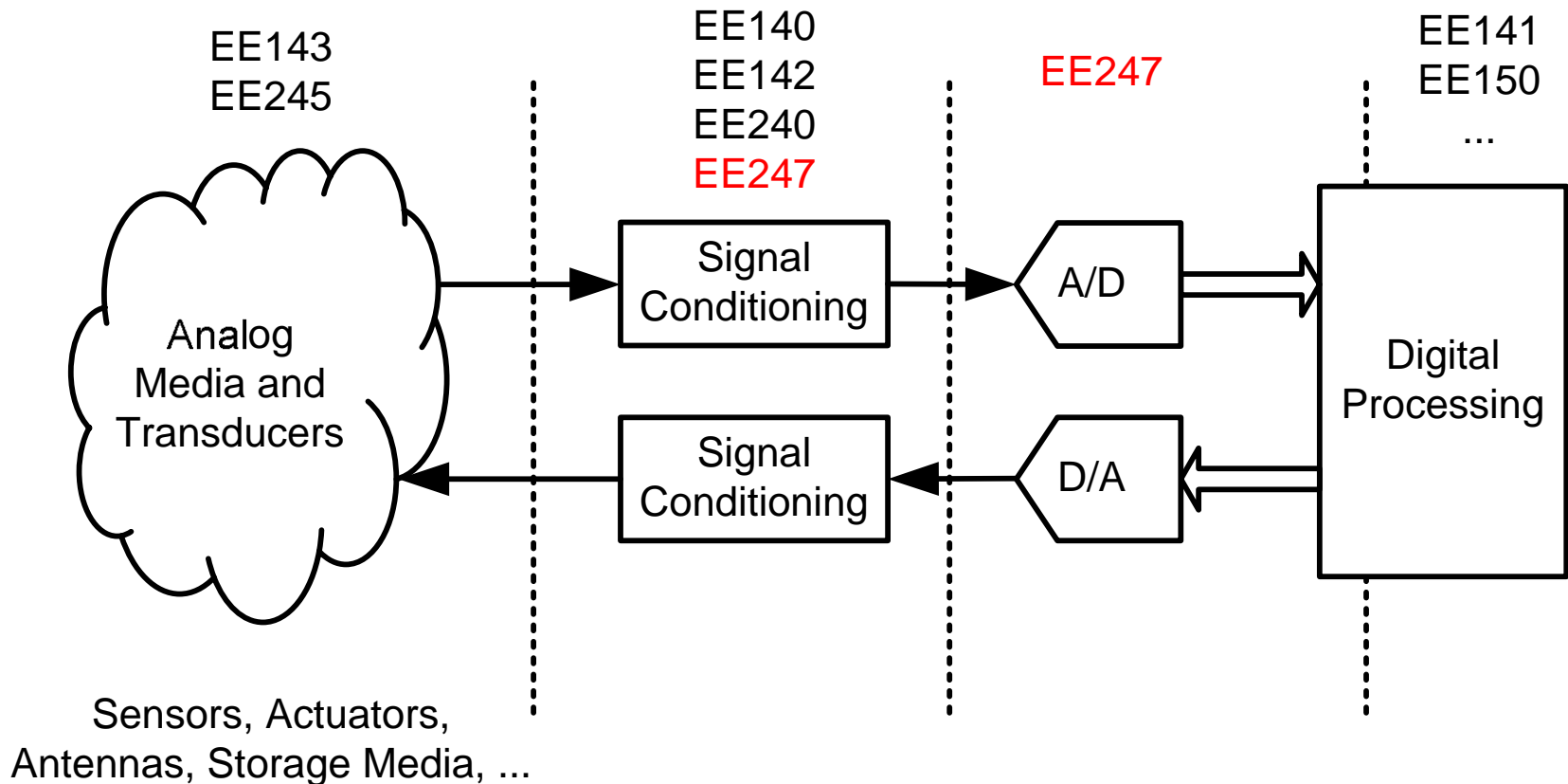
[boser@eecs.berkeley.edu](mailto:boser@eecs.berkeley.edu)

Copyright © 2011 by Bernhard Boser

# What are “Analog-Digital Interface Integrated Circuits”?

---

# Mixed Signal System



# Signal Conditioning

---

**(*'sig·nəl kən'dish·ən·iŋ*) (communications)** Processing the form or mode of a signal so as to make it intelligible to or compatible with a given device, such as a data transmission line, including such manipulation as pulse shaping, pulse clipping, digitizing, and linearizing.

**[[www.answers.com](http://www.answers.com)]**

**In electronics, signal conditioning means manipulating an analogue signal in such a way that it meets the requirements of the next stage for further processing.**

**Signal conditioning can include amplification, filtering, converting, range matching, isolation and any other processes required to make sensor output suitable for processing after conditioning.**

**[<http://en.wikipedia.org>]**

以上内容仅为本文档的试下载部分，为可阅读页数的一半内容。如要下载或阅读全文，请访问：<https://d.book118.com/468023057046006103>