Practical considerations in IC design of mobile baseband transceivers

Abstract

The demand for power-efficient multi-mode mobile phones poses challenges to designers of baseband modems. These challenges usually involve trade-off among cost, power, performance, flexibility, time to market, and other properties of baseband modems during architecture definition and chip design. In this talk, some examples of the design trade-offs and practical considerations for evaluating options will be presented. In addition, observations about trends of recent mobile communication technology development are shared.

The talk and the following Q&A session will be given in Mandarin.

About Speaker

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