# Abstracts

## A highly integrated radio for high performance, low cost 2.4 GHz ISM cordless applications

*P. Good, Jackie Cheng and Hae-Seok Cho. "A highly integrated radio for high performance, low cost 2.4 GHz ISM cordless applications." 2000 Radio Frequency Integrated Circuits (RFIC) Symposium 00. (2000 [RFIC]): 253-256.*

A two-chip radio for a 2.4 GHz digital spread spectrum cordless phone is described: a direct conversion transceiver IC and a differential power amplifier IC. Receiver sensitivity is -105 dBm, transmit power is 100 mW and phone talk-time is four hours.

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