

# Abstracts

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

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*P. Good, J. Cheng and Hae-Seok Cho. "A highly integrated radio for high performance, low-cost 2.4 GHz ISM cordless applications." 2000 MTT-S International Microwave Symposium Digest 00.1 (2000 Vol. 1 [MWSYM]): 269-272.*

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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