

Abstracts

A CDMA/FM upconverter and variable-gain driver amplifier integrated circuit

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A highly integrated transmit RF IC for CDMA/FM handsets is presented. The CDMA transmit chain contains an upconverter, a RF variable-gain driver amplifier, and a band select switch whereas the FM transmit chain consists of a single-side band upconverter and a driver amplifier. The RF IC is fabricated using a 25 GHz F/sub t/ silicon bipolar process.

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