

Abstracts

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

K. Carter, M. Vice, E. Carriere, J. Wholey, W. Fang and I. Kipnis. "A CDMA/FM upconverter and variable-gain driver amplifier integrated circuit." 1999 Radio Frequency Integrated Circuits (RFIC) Symposium 99. (1999 [RFIC]): 81-84.

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.

 [Return to main document.](#)