

# Abstracts

## GaAs RFICs for CDMA/AMPS dual-band wireless transmitters (1998 Vol. I [MWSYM])

---

*V. Aparin, K. Gard, G. Klemens and C. Persico. "GaAs RFICs for CDMA/AMPS dual-band wireless transmitters (1998 Vol. I [MWSYM])." 1998 MTT-S International Microwave Symposium Digest 98.1 (1998 Vol. I [MWSYM]): 81-84.*

An upconverter and two driver amplifiers for CDMA/AMPS cellular/PCS wireless transmitters are presented. The upconverter has two selectable RF outputs operating over 800 to 1900 MHz frequency range. They can be assigned to different frequency bands providing a dual-band operation. The driver amplifiers offer two gain modes selected with a control voltage. The cellular driver amplifier provides DC power savings in the low gain mode. The chip set was fabricated using a GaAs 0.6  $\mu$ m E/D MESFET process.

[Return to main document.](#)