

Abstracts

The MSM3000/sup TM/ dual-mode CDMA+AMPS ASIC: for increased functionality and standby time of handsets

B.K. Butler and N. Yu. "The MSM3000/sup TM/ dual-mode CDMA+AMPS ASIC: for increased functionality and standby time of handsets." 1999 Radio Frequency Integrated Circuits (RFIC) Symposium 99. (1999 [RFIC]): 69-72.

The MSM3000 dual mode ASIC for digital baseband processing within CDMA cellular handsets is a significant leap forward in functionality. The improvements include an upgraded microprocessor, several standby time improvements, an upgraded vocoder DSP to allow for cost effective EVRC, and support for multiple code channel reception for packet data service speeds up to 86.4 kbps in the forward direction per new TIA standards.

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