

Abstracts

A fast response, programmable PA regulator subsystem for dual mode CDMA/AMPS handsets (2000 Vol. I [MWSYM])

I. Ali and R. Griffith. "A fast response, programmable PA regulator subsystem for dual mode CDMA/AMPS handsets (2000 Vol. I [MWSYM])." 2000 MTT-S International Microwave Symposium Digest 00.1 (2000 Vol. I [MWSYM]): 139-142.

A low drop-out linear regulator, designed specifically for RF Power Amplifier (PA) applications, has been integrated as part of a multi-function power management integrated circuit for CDMA cellular handsets. The regulator, which utilizes an external PMOS pass transistor, is programmable from either an internal 4 bit DAC or an external reference voltage and is stable with an output filter capacitance as low as 1 μ F.

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