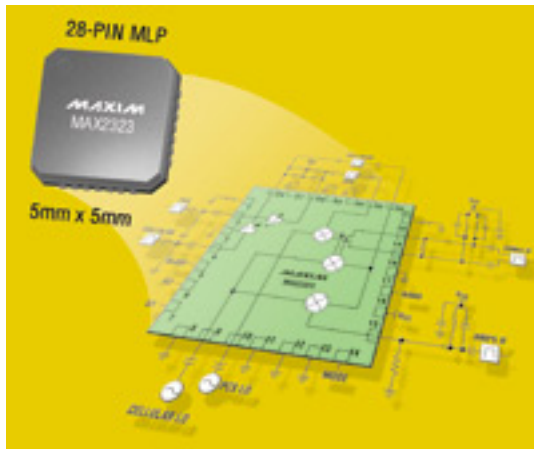


Low-noise Amplifiers



Maxim Integrated Products introduces the MAX2323/MAX2325, which are low-noise amplifier (LNA) plus mixer ICs optimized for code-division multiple-access (CDMA) applications in both cellular and PCS bands. The MAX2323 addresses dual-band, triple-mode CDMA applications by providing switched signal paths for cellular FM, cellular CDMA and PCS CDMA. The MAX2325 is a cellular-band dual-mode version. To optimize cellular-band dynamic range at minimum current, the MAX2323/MAX2325 implement four LNA states: high gain/high linearity, high gain/low linearity, midgain and low gain. In high-gain/high-linearity mode, the adjustable high-intercept LNA minimizes desensitization in the presence of a large interfering signal. For the other gain states, the LNA current is reduced to improve standby time.

, www.maxim-ic.com 800-998-9872

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