

## Power Management ICs



Two new power management solutions for portable electronics such as cellular phones, PDAs and MP3 players are introduced by Micrel. The MIC221x family consists of two low-dropout (LDO) regulators, a power-on reset (POR) supervisor and an open-drain driver. The MIC2213 and MIC2214 offer a dual LDO regulator with an integrated POR supervisor and an open-drain driver. The first regulator (LDO1) is capable of sourcing 150mA of current, while the second regulator (LDO2) can source 300 mA and has a POR circuit that detects faults on the output. The MIC2213/4 also offers an open-drain, N-Channel MOSFET that can be used to drive external LEDs for backlighting applications in portable electronics. The total current consumption of the MIC2213/4 is 48 uA.

**[www.micrel.com](http://www.micrel.com); (510) 476-5963**

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