

# Controller Addresses Power Limiting Apps



Suiting 240 VA system applications specified by UL60950, EN60950, and CSA1950, Micrel's MIC2310 single-FET hot-plug controller targets blade server systems, base stations, servers, 12 V power distribution backplanes, enterprise switch networks, and telecommunications applications. The component incorporates high-side controller circuit for an external N-channel MOSFET, which has a user-programmable MOSFET drain current rate of change. The device employs dual-speed dual-level overcurrent fault protection with the primary detector response time being programmable via an external current sense resistor and the secondary detector having 2-bit user programmability and a  $<1 \mu\text{s}$  response time. A PWRGD signal indicates a valid output voltage, and the analog output signal is proportional to the steady-state load current. Pricing starts at \$2.69 in 1,000 quantities.

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408-944-0800, [www.micrel.com](http://www.micrel.com) [1]

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[1] <http://www.micrel.com/>