

SoC Provides Power Management, Control for Datacom Equipment



Maxim Integrated Products launched a new Teridian/Maxim energy-measurement system on chip (SoC), the 78M6613. This energy-measurement solution for AC/DC power supplies brings a high level of management and control to servers and other equipment in data centers. The SoC enables the capture and reporting of real-time energy data, which provides data center managers with the ability to quantify where energy is needed, being used, and being stranded. With an embedded analog front-end and compute engine, small footprint, and embedded firmware, the 78M6613 is optimized to address the unique challenges of precision energy measurement inside AC/DC power supplies. It features accuracy of ± 0.5 percent over a 2000:1 dynamic range and tools for self-calibration to help facilitate rapid design time and optimal manufacturing costs. The platform also suits home appliances, home automation networks and building automation applications. The 78M6613 is available in a 32-pin QFN package.

Maxim Integrated Products

800-998-8800, www.maxim-ic.com [1]

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