

Single-phase Energy-measurement Processors Are Energy-measurement Subsystem in a Single Chip



Maxim Integrated Products, Inc. announced that it is now sampling the 78M6610+PSU/78M6610+LMU single-phase energy-measurement processors. These processors are an energy-measurement subsystem in a single chip. They provide simple utility-grade sensing and diagnostics for existing designs without the traditional cost of a utility meter system-on-chip. Both devices contain unique firmware to meet end application requirements. The 78M6610+PSU is specifically designed for real-time monitoring of data centers, servers, and telecom and data equipment, while the 78M6610+LMU is a more general-purpose solution for applications such as white-good appliances, smart plugs, EV chargers, and solar inverters.

The 78M6610 processors enable energy-measurement functionality while reducing both manufacturing costs and time to market. Energy-measurement solutions traditionally required the use of an additional microcontroller, which adds significant design cost and months of development time. The 78M6610 allow users to conveniently add a complete energy meter to an already existing design without significant cost or redesign. Additionally, the processors' flexible measurement and host interfaces allow for easy integration into any system.

Maxim Integrated Products, Inc.
<http://www.maximintegrated.com/> [1]

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