Call for Participation: IEEE Standard for Universal Power Adapter for Mobile Devices

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Universal Power Adapter for Mobile Devices (UPAMD™) or IEEE P1823™, is a new standard with a goal to significantly reduce the electronic waste caused by the inability to reuse a power adapter with changing devices. Acquisition cost of new mobile devices could be lowered by 10-15% with the reuse of already owned power adapters.

The Working Group will define a power delivery connection between a power adapter and a power using device in the 10 Watt to 130 Watt range. A communications link between the power adapter and the mobile power using device is also defined for safety and adaptability. Efforts will concentrate on defining the common connector, power specification, and communications protocol.

While intended for portable computing and entertainment devices, this standard may also be used with other mobile devices in use around the office, home or vehicle.

The project is sponsored by the Microprocessor Standards Committee of the IEEE Computer Society.

Stakeholders for the standard include:
- Portable equipment vendors of laptop, netbook, and notebook computers, entertainment and gaming system and other small portable equipment used around the home, office, and vehicles.
- Users of portable equipment, for personal, commercial, government and military uses.
- Power adapter vendors will also be affected building smarter adapters.
- Land fill operators and recycling efforts will have less business.

Currently participation and support for this project is from: Acer, AMD, Asus, Compal, Dell, Fujitsu, HP, Intel, Inventec, Lenovo, NEC, Pegatron, Quanta, Samsung, Sony, Toshiba, and Wistron.

To participate in, or follow this effort, please join the reflector by sending a simple email to listserv@ieee.org with the only text being “subscribe upamd <your name>”.

We solicit the participation of those that are effected by, or the beneficiaries of this much needed standard. For additional information, please contact the Sponsor, the Microprocessor Standards Committee Chair Bob Davis at bobd@scsi.com, or visit http://grouper.ieee.org/groups/msc/upamd/.

About the IEEE Standards Association
The IEEE Standards Association, a globally recognized standards-setting body, develops consensus standards through an open process that engages industry and brings together a broad stakeholder community. IEEE standards set specifications and best practices based on current scientific and technological knowledge. The IEEE-SA has a portfolio of 900 active standards and more than 400 standards under development. For information on the IEEE-SA, see: http://standards.ieee.org.

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