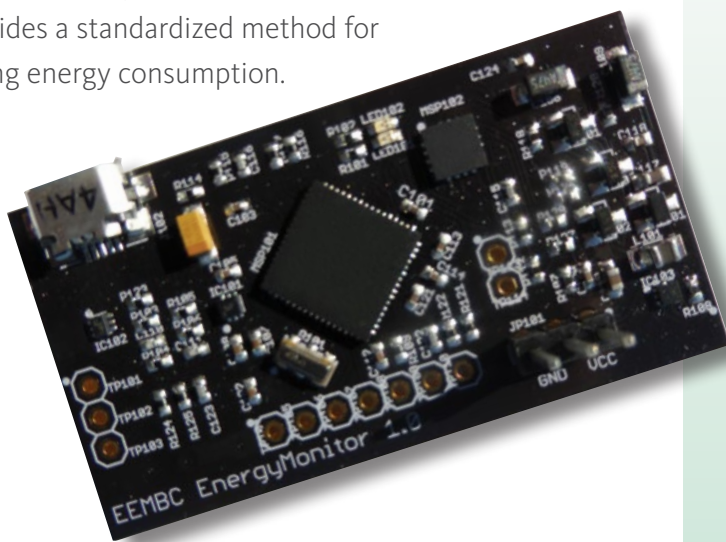




EnergyMonitor™

The Official Energy-Measuring Tool for ULPBench™ CoreProfile

The EnergyMonitor is a USB-powered voltage/current supply for the target device under test. It can measure the energy consumption of devices running on 3V and up to 28mA. The intended application of the EnergyMonitor is to measure microcontroller energy consumption; it can also be used to measure energy consumed by sensors or other components used in IoT applications. However, most importantly, it integrates directly with EEMBC ULPBench and provides a standardized method for measuring energy consumption.



Features

- Measures device energy consumption
- Integrated graphical user interface
- Interfaces to ULPBench
- Connects to host PC via micro-USB
- Connects to DUT via Vcc and GND pins

Key Specifications

- Sources power $\leq 28\text{mA}$
- 3V fixed output voltage
- Low current accuracy: $\pm 1\%$ for currents $< 1\text{mA}$
- High current accuracy $\pm 2\%$ for currents $> 1\text{mA}$
- Connects to a target device through a 100mil, 3-pin header (Vcc, GND, GND)

Contact Us

P.O. Box 4343
El Dorado Hills, CA 95762
530-672-9113

www.eembc.org

This EnergyMonitor is intended for use for ENGINEERING DEVELOPMENT, DEMONSTRATION, OR EEMBC ULPBENCH USAGE ONLY and is not considered by EEMBC to be a finished end-product fit for general consumer use. As such, the goods being provided are not intended to be complete in terms of required design-, marketing-, and/or manufacturing-related protective considerations, including product safety and environmental measures typically found in end products that incorporate such semiconductor components or circuit boards. This EnergyMonitor does not fall within the scope of the European Union directives regarding electromagnetic compatibility, restricted substances (RoHS), recycling (WEEE), FCC, CE or UL, and therefore may not meet the technical requirements of these directives or other related directives.

Windows 8 is not officially supported for the EnergyMonitor