

## **Fujitsu Develops Hybrid Energy Harvesting Technology for Generating Electricity from Heat & Light**

PowerPulse.net

**Fujitsu Laboratories** has developed a new hybrid harvesting device that captures energy from either light or heat, which are the most typical forms of ambient energy available for wide-scope application. This makes it possible for a single device to capture energy from either heat or light without combining two harvesting devices. In addition, as it can be manufactured from inexpensive organic materials, device production costs can remain low.

By changing the electrical circuits connecting two types of semiconductor materials – P-type and N-type semiconductors – the device can function as a photovoltaic cell or thermoelectric generator.

[SOURCE](#) [1]

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<http://www.ecnmag.com/news/2010/12/fujitsu-develops-hybrid-energy-harvesting-technology-generating-electricity-heat-light>

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