



Newsletter 04/2010

Dear Mr. Marketing,

welcome to the April 2010 issue of ROHM's Email Newsletter. If you want to change your contact details or if you do not want to receive the Newsletter anymore please use the link at the end of this page.

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### New 0.9V ECOMOS lineup

ROHM Semiconductor offers the first MOSFETs capable of drive operation from 0.9V. This new lineup, optimized for the latest ICs requiring low output voltage, is available in a variety of package types, from VMN3 (1006) to SOT-23 (2913).

#### Features

1. Drive possible from 0.9V

- \* Operation possible from a single dry cell battery (1V termination voltage)
- \* Compatible with the lower output voltages required by the latest ICs
- \* Supports solar batteries (1V type: 0.5V to 2)

2. Dramatically reduced power consumption

- \* Up to 90% less power consumption than bipolar transistors



#### Applications

Mobile phones, digital cameras, portable audio players, IC recorders, smart phones, power supply circuits in portable devices, LED control, pre-drive blocks, solar batteries, muting circuits, low-side circuits and more.

 [More Information on](#)

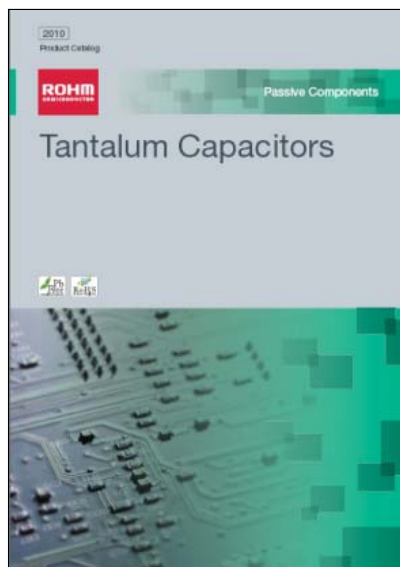
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## Tantalum Capacitors - New catalog

Tantalum capacitors offer several advantages over conventional multi-layer ceramic chip capacitors, such as larger capacitance in a more compact form factor and superior temperature and DC bias characteristics.

ROHM's broad lineup of tantalum capacitors include models that utilize a bottom electrode configuration, low ESR conductive polymer types, units with an open structure to prevent combustion and damage to peripheral components, and standard products featuring excellent mountability and reliability.

[More Information on  
www.rohmeurope.com](http://www.rohmeurope.com)



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## EEPROM Family and Ultra-Compact WL-CSP

ROHM's high reliability serial EEPROMs are among the top of their class. They command a large market share and are available in a range of capacities, bus interfaces (Microwire, I2C, SPI), operating voltages (1.8V to 5.5V, 2.5V to 5.5V) and package types, making them ideal for battery powered devices. In addition, the entire series utilizes unique double cell construction, significantly improving reliability, and are both lead-free and RoHS-compliant.

For further information please refer to two new catalogs for EEPROM Series:

- \* High Reliability Series - Serial EEPROM Family
- \* Ultra-Compact WL-CSP

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