

CMOS LDO Regulators with Automatic Power-Saving Function

ROHM's CMOS LDO regulators (**BHxxPB1 Series**) feature a proprietary automatic power-saving (APS) function that dynamically switches performance characteristics based on operating conditions. The series combines the benefits of LDOs — small packaging, minimal external components and a simple design process — with very low average power consumption.

Applications

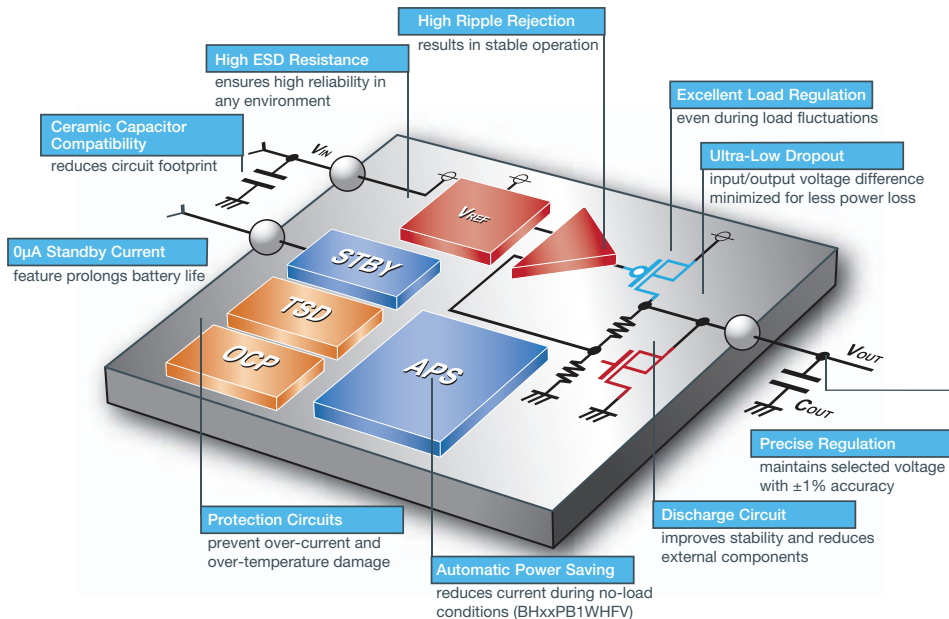
- Portable devices
- PDAs
- Mobile phones
- Digital cameras
- Digital video cameras

Pricing

Quantity per reel: 3,000 pieces
Price: \$0.23
Samples: Available now

Key Features

- Low-voltage reference source enables stable operation from 1.7V input
- Integrated output discharge function eliminates the external blocking diodes required to prevent reverse-voltage damage
- Equipped with inrush current protection for output stability without the need for external components
- HVSO5 package requires 70% less mounting area than the standard SOT23-5



More info

<http://www.rohm.com/us/LDO.html>
<http://www.rohm.com/products/lsi/power/ldo/>

