



MSOP8

## Current Mode Switching Regulators Optimize Power Efficiency and Performance in Point-of-Load Applications

The BD91x series of step-down switching regulators combine ROHM's proprietary SLLM™ (Simple Light Load Mode) technology with current-mode PWM control to provide exceptional regulation and high efficiency during both low- and high-current load conditions.

### Key Features

- Single- and dual-channel outputs
- Output current rated up to 4.0A
- Fixed and variable output voltage (set via external resistor)
- High output voltage accuracy:  $\pm 1.5/\pm 2.0\%$
- BiCMOS topology minimizes parts count and power consumption
- Current sense/feedback loop ensures fast response to load changes
- Compact package types contribute to end-product miniaturization

### Applications

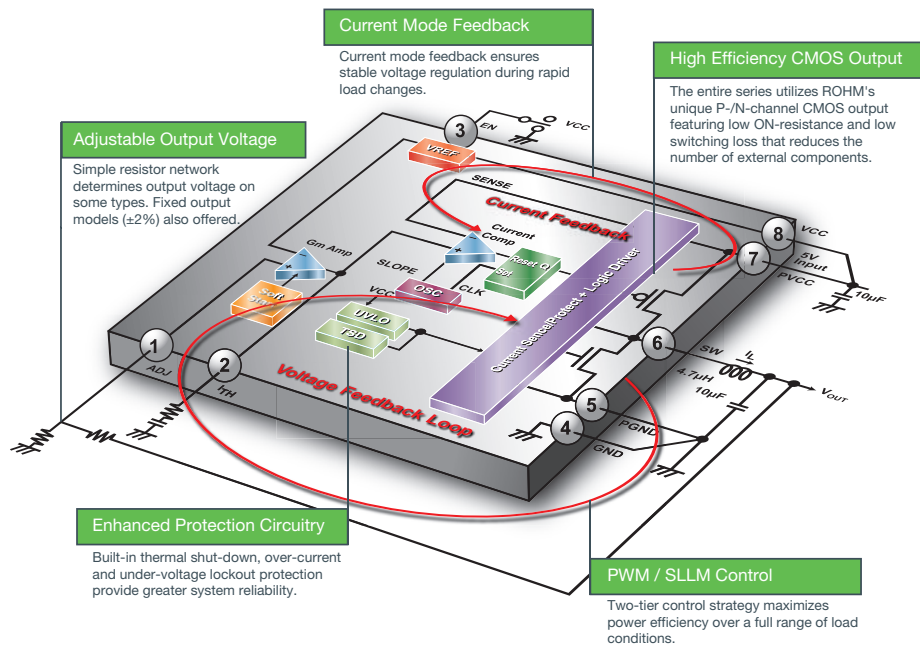
- All types

### Pricing

Quantity per reel: 3,000 pieces

Price: \$.95 – \$1.95

Samples: Available now



### More info

<http://www.rohmsemiconductor.com/SLLM.html>

[http://www.rohm.com/products/lsi/power/1chip\\_fet/single-chip/](http://www.rohm.com/products/lsi/power/1chip_fet/single-chip/)

