

TO220 Package

3-pin Step-Down DC/DC Converter Module

The **BP5275** DC/DC converter module integrates all required components into a single, compact package, including the control circuit, switching element, coil, and even input/output capacitors. This eliminates the need for circuit design, reducing development time considerably. Additional features include synchronous rectification switching operation for up to 92% efficiency, high output voltage accuracy ($\pm 2\%$) ideal for high performance applications, and an integrated heat sink that enables high current handling capability (500mA).

Applications

PCs, office equipment, measurement devices, industrial equipment, appliances, gas hot water heaters, washing machines, refrigerators, and more

Pricing

Quantity per reel: 3,000 pieces

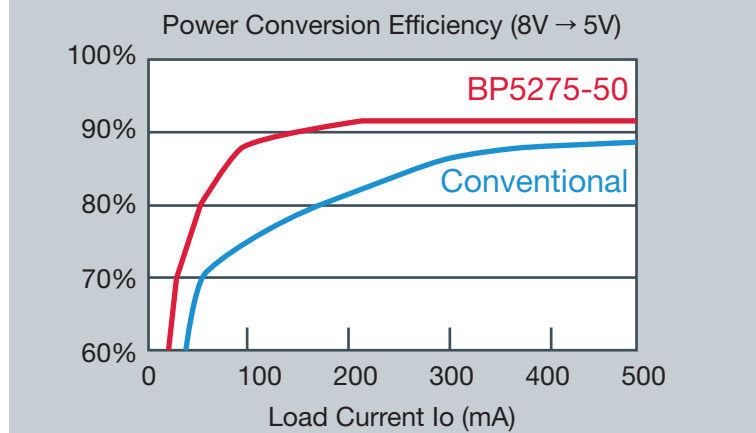
Price: \$5.30

Samples: Available now

Key Features

- All required components integrated into a single package, reducing mounting footprint by over 83%
- Synchronous rectification switching method utilized for high conversion efficiency (92%)
- High output voltage accuracy: $\pm 2\%$
- Built-in heat sink and unique configuration enables direct heat dissipation for high current-handling capability (500mA)

Synchronous Rectification Utilized = 92% Efficiency



More info

http://www.rohm.com/products/module/power_module/dc-dc_converter/#03

<http://www.rohm.com/ad/dcdcmodule/>

