



# Single-Chip Battery PACK

Diodes" AP9101C is a protection solution developed for lithium-ion and lithium-polymer rechargeable batteries with a high-precision voltage detection circuit.

Diodes Incorporated Battery Protection ICs offer single-chip solutions to the linear charging of Li-Ion cells, offering charge current up to 1.2A and withstand input transients up to 28V.

The AP9221 is a single package protection solution specially designed for single cell Li+ rechargeable batteries in portable and wearable equipment. It provides rich battery protection features: overcharge ...

The device firmware provides software-based first- and second-level safety protections against overvoltage, undervoltage, overcurrent, short-circuit, and overtemperature conditions. Pack- ...

It provides a smarter, more efficient, safer, and more accurate BMS (Battery Management System) solution for single-cell battery packs in mobile devices such as smartphones and tablets.

Our vast product lineup provides strong support for developing safety-critical battery packs with secondary protection and other features to suit customer needs such as smaller, lighter, and thinner ...

Qorvo's battery management system-on-chip (BMSoC) solutions combine high voltage capability and industry-leading precision with full-system integration -- all in a compact, single-chip design.

Diodes" AP9234L is a single-chip protection solution designed for 1-cell Li+ rechargeable battery pack applications.

New battery-management ICs developed by Qorvo bring cell balancing, monitoring, and protection in a single package.

Protectors provide features for one-cell-in-series battery systems through voltage, current and temperature, using external power temperature coefficient protections in a cost-optimized solution. ...



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