

Single-Chip Battery PACK





Overview

Which lithium battery protection chips are available?

Additionally, Southchip offers the general-purpose lithium battery protection chips SC5617A and SC5617F, which support zero-volt charge prohibition and allowance functions to meet different application scenarios for customers. Typical Circuit for SC5617E Diverse Options Highlighting Superior Performance.

What is a battery protection IC?

1. ABLIC's Battery Protection ICs Battery protection ICs protect batteries from hazards such as overcharging, overdischarging and overcurrent. ABLIC has been developing and producing battery protection ICs since 1993, and has a track record of approximately 30 years in the industry.

Who makes battery protection ICs?

ABLIC has been developing and producing battery protection ICs since 1993, and has a track record of approximately 30 years in the industry. If we include products that can be used with multi-cell batteries and automotive applications, our lineup offers about 2,100 products.

What is ap9221 battery protection?

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 voltage/current, overdischarge voltage/current, and load short circuit.



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Dec 1, 2025 · ABLIC's battery protection ICs for multi-cell pack: Our vast product lineup provides strong support for developing safety-critical battery packs with secondary protection and other ...

[Single-chip solution protects battery packs. Electronic ...](#)

Oct 29, 2025 · In stock at authorised distributor DigiKey is the BQ41Z50, a fully integrated, single-chip, pack-based solution from Texas Instruments that provides a rich array of features for gas ...



[Battery Protection ICs](#)

Feb 17, 2020 · Diodes Incorporated AP9211 Single Chip Protection Solution Protection solution specially designed for 1-cell Li+ rechargeable battery pack applications.

[AP9211: SINGLE CHIP SOLUTION FOR 1-CELL LI+ BATTERY PACK ...](#)

The AP9211 is a single chip protection solution specially designed for 1-cell Li+ rechargeable battery pack application. It includes a 1-cell Lithium ion battery protection chip and dual N-CH ...



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Jul 18, 2025 · Southchip announced the launch of SC5617E, a lithium battery protection chip with control pins designed to solve the application pain ...



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Dec 5, 2025 · The single chip can serve as a pack monitor and communications gateway for high-voltage Li-ion batteries in EVs.



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Jul 18, 2025 · Southchip announced the launch of SC5617E, a lithium battery protection chip with control pins designed to solve the application pain points of silicon anode batteries. SC5617E ...

[Battery protectors , TI](#)

3 days ago · We understand performance and safety are major care-about for battery packs with lithium-based (li-ion and li-polymer) chemistries. That is why we design our battery protection ...



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Feb 17, 2020 · Diodes Incorporated AP9211 Single Chip Protection Solution Protection solution specially designed for 1-cell Li+ rechargeable battery ...



Infineon Introduces ASIL D MCU for Safe Monitoring of EV Battery Packs

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