
High power 4-series solar container lithium battery pack protection IC

What is a lithium-ion battery protection IC?

For general use | For automotive A lithium-ion battery protection IC is an IC that monitors overcharge, overdischarge, and overcurrent to protect lithium-ion batteries, ensuring safe operation. ABLIC has been developing and producing lithium-ion battery protection ICs since 1993, and has a track record of over 30 years in the industry.

Who makes lithium-ion battery protection ICS?

ABLIC has been developing and producing lithium-ion battery protection ICs since 1993, and has a track record of over 30 years in the industry. We offer a diverse lineup of approximately 2,100 battery protection ICs covering a wide range of cell counts, applications and protection functions.

Why should you use a battery protection IC?

That is why we design our battery protection ICs to detect a variety of fault conditions including overvoltage, undervoltage, discharge overcurrent and short circuit in single-cell and multi-cell batteries, so you can enhance the safety of your battery pack. ACTIVE ACTIVE This product has been released to the market and is available for purchase.

What are secondary level protectors for 48v-60v battery systems?

The secondary level protectors for 48V-60V battery systems are being mandated in industrial applications. The TIDA-00108 reference design introduces the user to implement a robust stacked architecture, without compromising high accuracy voltage detection system for a 10s-15s series (...)

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

A battery protection unit (BPU) prevents possible damage to the battery cells and the failure of the battery, enhancing the useful operating life of lithium-ion batteries by protecting the battery pack against charge current, discharge ...

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

3/4 series lithium battery protection series (positive control) SIT8254 series products are ICs used for the protection of 3 or 4 series rechargeable lithium batteries, which can provide high-precision

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