

Cell Supervising Circuit

Intelligence for Safe and Efficient Energy Storage

The CSC (Cell Supervising Circuit) is a proven battery monitoring and balancing solution developed for modern high-voltage battery systems. By continuously supervising critical cell parameters and enabling precise balancing capabilities, the CSC helps maximize battery performance, extend service life, and enhance operational safety.

With its scalable platform design and automotive-grade reliability, the CSC seamlessly integrates into a wide range of electrification projects, from commercial vehicles to advanced energy storage solutions. Developed for series production and built around the highest quality and safety standards, the CSC provides the foundation for efficient, dependable, and future-ready battery systems.

Cooling	Passive
Voltage accuracy	4 mV over Lifetime
Current Consumption	25mA Idle: 5 μ A
Balancing Voltage	Down to 3V
Balancing Current	Up to 100 mA
Number of Cells	Up to 133 Cells
Voltage Measurement	1 V to 5 V A
Temperatures	-40°C to 120°C

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ISO 26262 | ASIL C

