



Smart Battery Management for Mobile Robotics 3–6 Cells

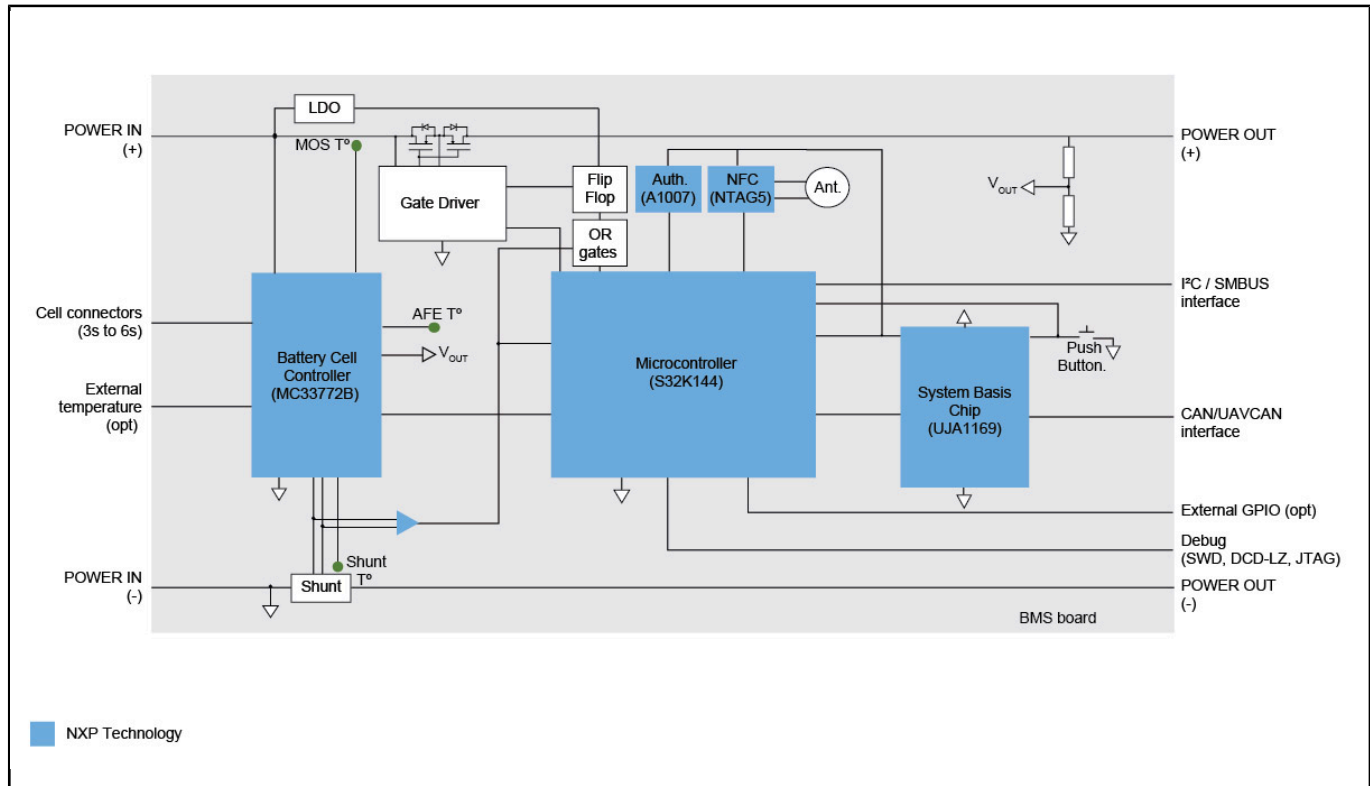
RDDRONE-BMS772

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The RDDRONE-BMS772 is a standalone BMS reference design suitable for mobile robotics such as drones and rovers, supporting 3 to 6 cell batteries.

- Also suitable for other applications, such as portable medical devices, high energy power tools and personal mobility (wheelchairs / scooters), all of which benefit from high-quality battery control.
- Higher voltage cell count applications can rework this reference to daisy chain BCC chips.
- An S32K144 General Purpose MCU provides great flexibility and communication to a PX4 based FMU via UAVCAN or I²C/SMBus.

RDDRONE-BMS772 Block Diagram



View additional information for [Smart Battery Management for Mobile Robotics 3-6 Cells](#).

Note: The information on this document is subject to change without notice.

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