

Wattius Battery Solutions

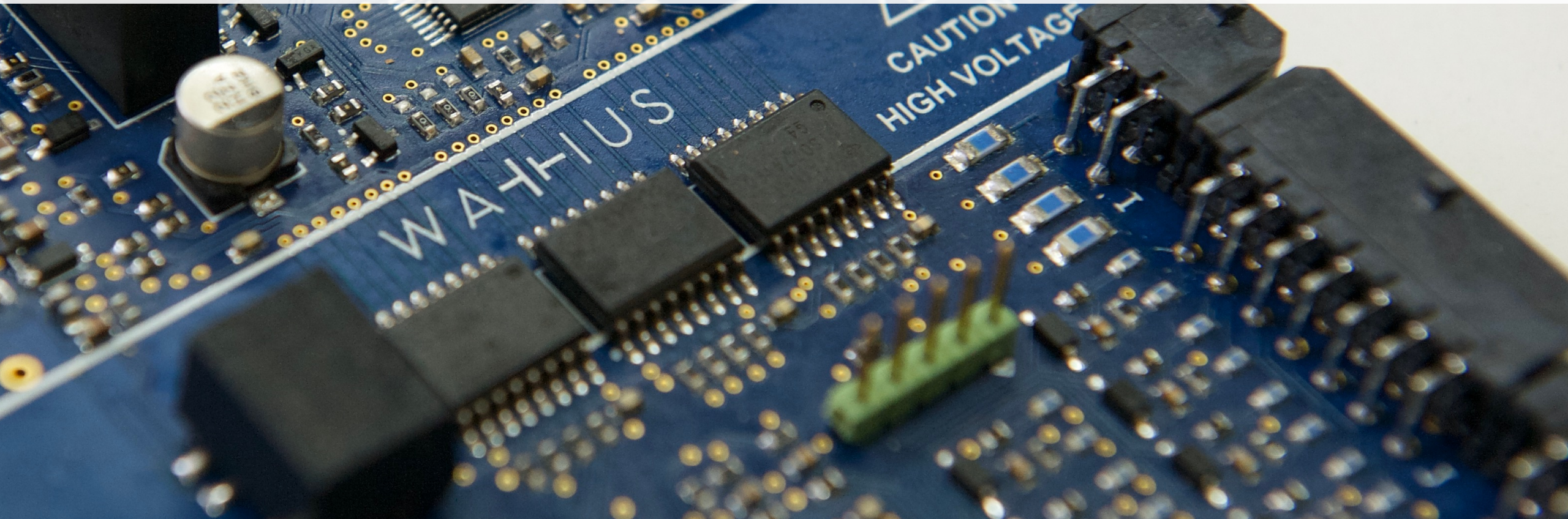
Abril 2022

ACCIÓ
Catalonia
Trade & Investment



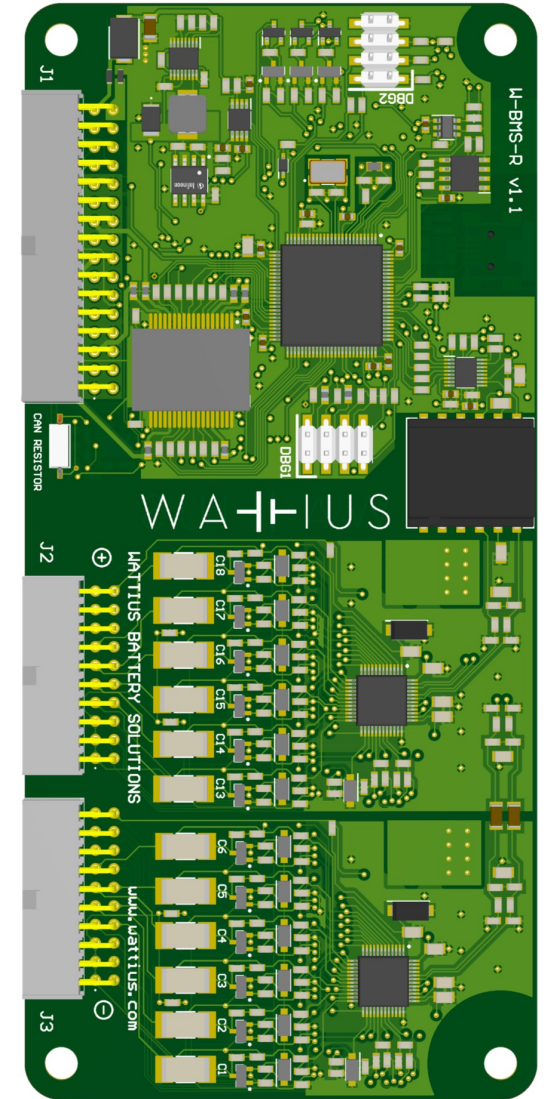
Generalitat
de Catalunya

Marketplace Mobilitat Sostenible



About Wattius

- Embedded electronic **engineering** company, specialized in **battery management**.
- Provide **BMS** for battery-based product **manufacturers**.
- **Full-stack** development: hardware, firmware and software technology in house.
- Two business lines:
 - **Standardised products**
 - **Tailor-made solutions**



WHY a BMS ?

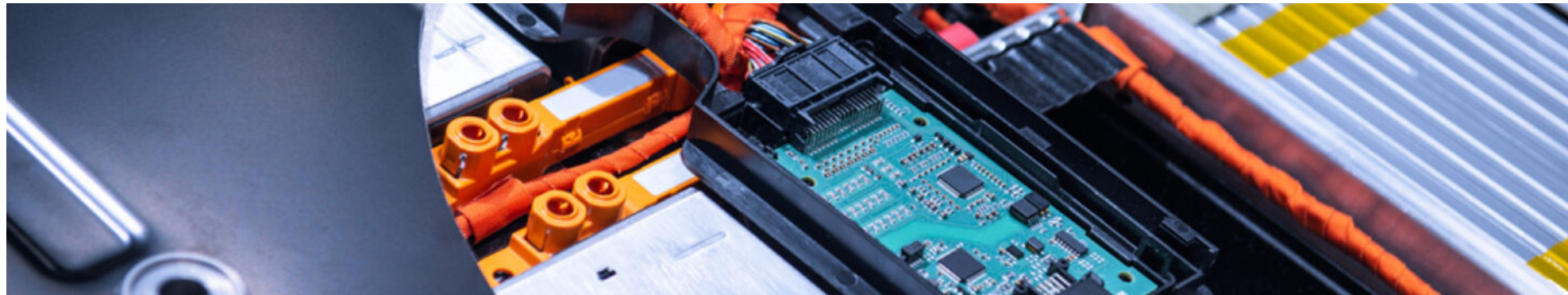
All lithium-based batteries **must** include a Battery Management System

Safety

Keep all cells within SOA (Safe Operating Area) and manage charge and discharge.

Performance and Efficiency

Extend lifetime and increase performance of batteries with smart SoF algorithms.



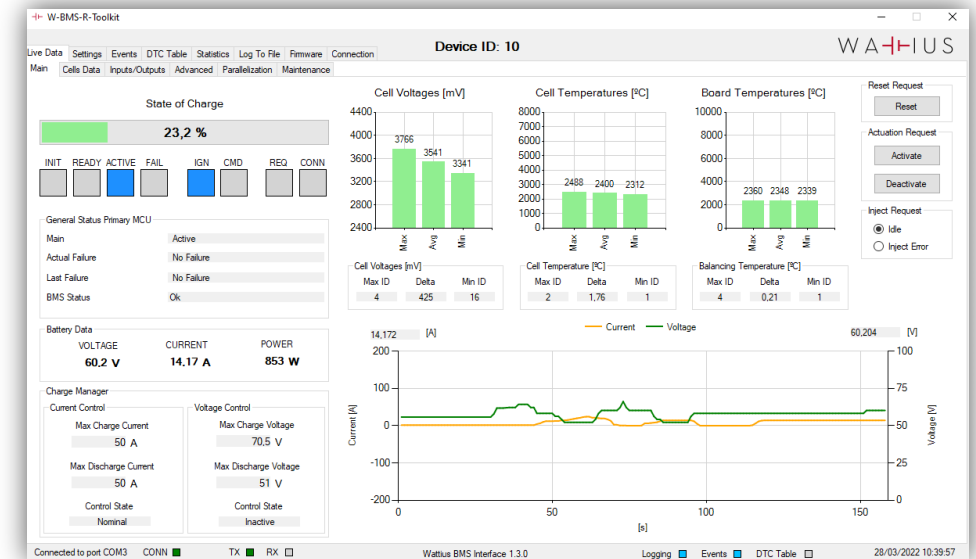
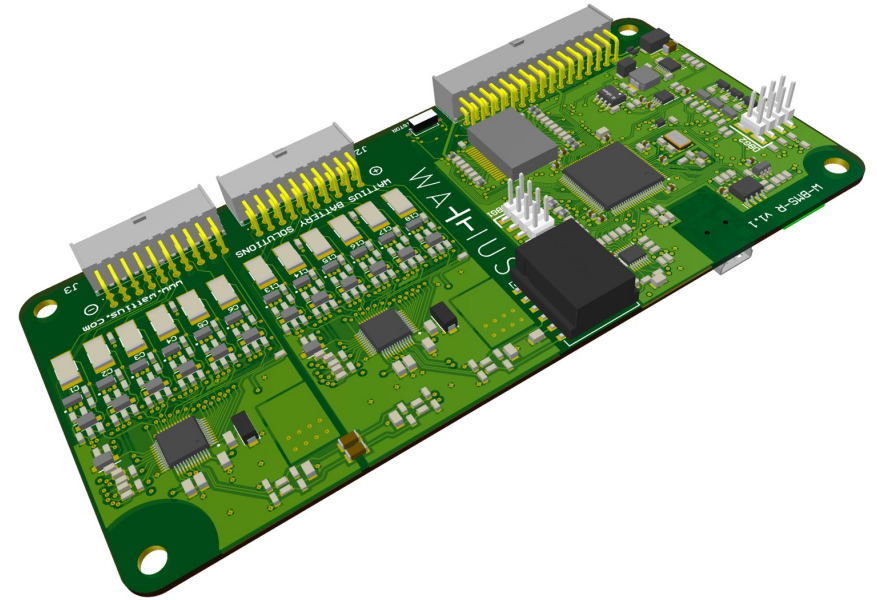
WHY Wattius ?

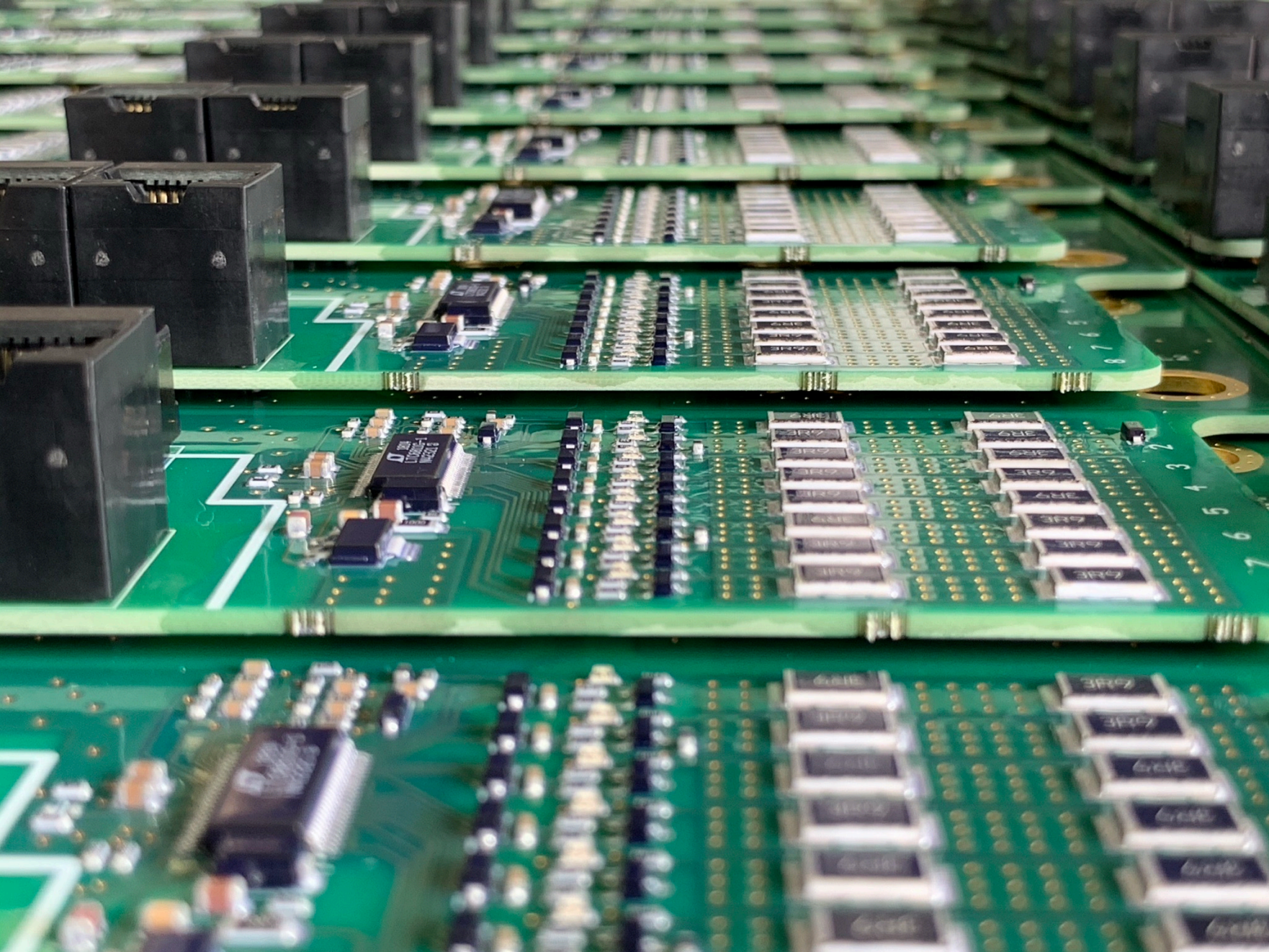
- **High performance:** state-of-the-art battery measurement and protection.
- **Integration & interfaces,** including CAN, Modbus, Internet and Cloud (AWS IoT).
- **Scalability:** small low-voltage batteries to large-scale high-voltage storage solutions.
- **Flexibility and configuration:** More than 200 parameters can be adjusted using the W-BMS-Toolkit software.
- **Tailor-made projects:** Development of specific hardware-software projects.



wBMS-R24 & wBMS-Toolkit

- **Plug & Play** solution for multiple battery applications.
- Compact 24-cell BMS. Stackable up to 800 V.
- ISO26262 & EN50178 compliant design
- Live data monitoring and logging.
- USB, CANbus and Bluetooth LE.
- Configuration of > 200 parameters





Thank you!

Wattius Battery Solutions

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