

Battery Management Systems (BMS) for Electrochemical Impedance Spectroscopy (EIS)

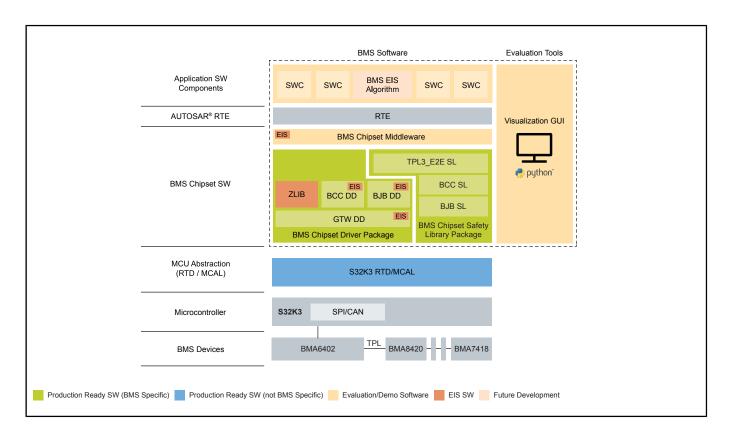
BMS-EIS-SW

Last Updated: Dec 2, 2025

This page contains information on a preproduction product. Specifications and information herein are subject to change without notice. For additional information contact support or your sales representative.

The NXP Battery Management Software (BMS) Electrochemical Impedance Spectroscopy (EIS) Software Enablement Package accelerates development and testing of this solution on customer batteries. It includes an intuitive graphical user interface (GUI) and BMU EIS firmware. Ideal for rapid prototyping and validation, it supports flexible excitation sources tailored to various battery configurations and system requirements.

Battery Management Software for Electrochemical Impedance Spectroscopy (EIS) Block Diagram



View additional information for Battery Management Systems (BMS) for Electrochemical Impedance Spectroscopy (EIS).

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

www.nxp.com

NXP and the NXP logo are trademarks of NXP B.V. All other product or service names are the property of their respective owners. The related technology may be protected by any or all of patents, copyrights, designs and trade secrets. All rights reserved. © 2025 NXP B.V.