Hosted Analog Front End for Potentiostat, Voltage and Thermistor Measurements, Extended with NFC Support and Battery Switch

NHS2634 NEW

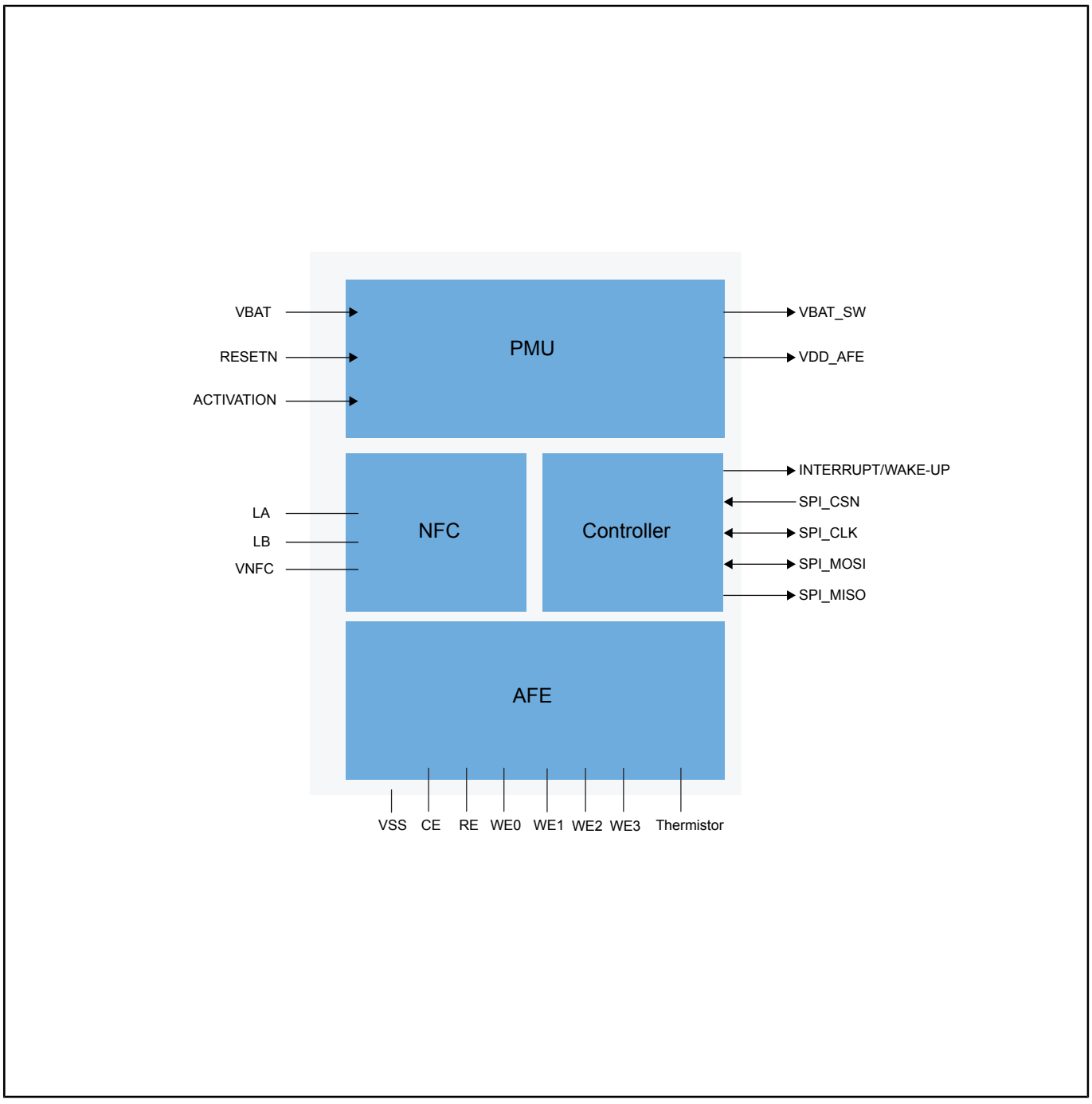
Preproduction

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

Last Updated: May 18, 2026

The NHS2634 is an analog front-end (AFE) chip for electrochemical sensors, optimized for low-capacity batteries or near-field communication (NFC) power. It supports amperometric, chronoamperometric, voltage and temperature measurements. Self-timed sensing notifies the host when new data is available. It integrates NFC with the ISO Data Exchange Protocol (ISO-DEP), operating at 1.5 V or 3 V and featuring a battery switch for longer shelf life. Enablement is available to non-disclosure agreement (NDA)-approved customers.

NHS2634 Functional Block Diagram



View additional information for Hosted Analog Front End for Potentiostat, Voltage and Thermistor Measurements, Extended with NFC Support and Battery Switch.

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

www.nxp.com