



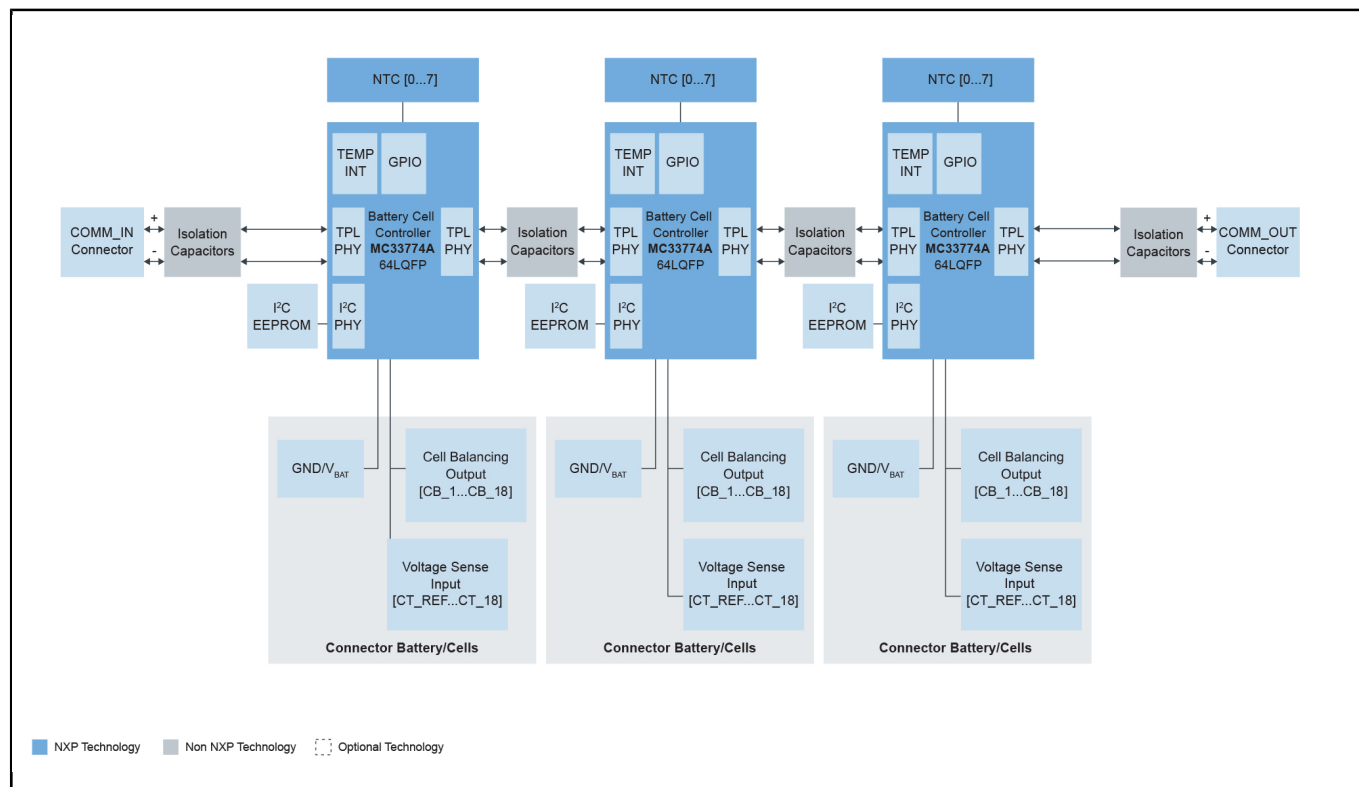
HVBMS Centralized Cell Monitoring Unit Using ETPL with MC33774ATP

RD33774PC3EVB

Last Updated: Dec 23, 2025

The RD33774PC3EVB is a centralized cell monitoring unit (CMU) reference design with electrical transport protocol link (ETPL) communication. It is ideal for rapid prototyping of a 800 V high-voltage battery management system (HVBMS) hardware and software. This board contains three [MC33774](#) analog front ends (AFEs) in a daisy chain.

RD33774PC3EVB Block Diagram



View additional information for [HVBMS Centralized Cell Monitoring Unit Using ETPL with MC33774ATP](#).

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. © 2026 NXP B.V.