



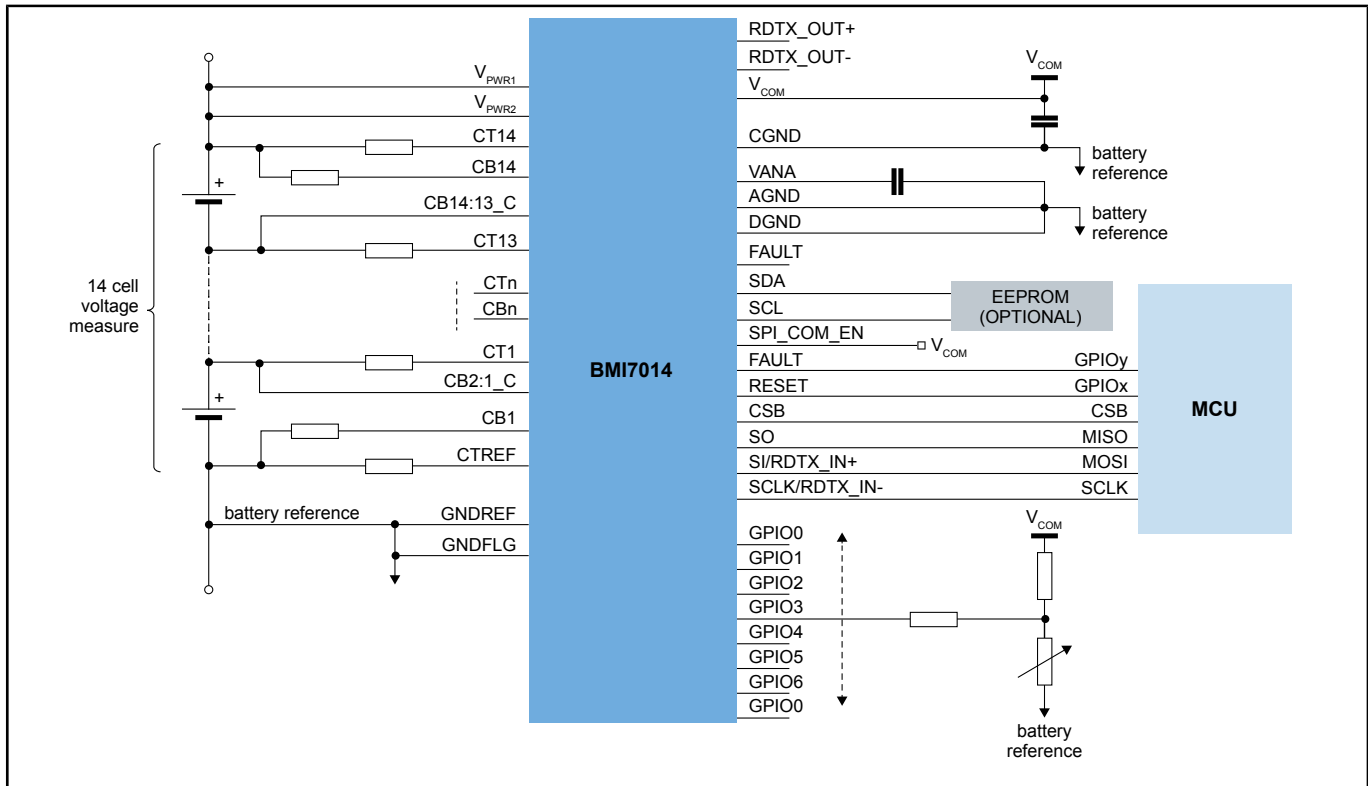
14-Channel Li-Ion Battery Cell Controller IC

BMI7014 NEW

Last Updated: Oct 10, 2024

The BMI7014 is a Li-Ion battery cell controller IC designed specifically for industrial applications, including energy storage systems and uninterruptible power supplies. It features monitoring of up to 14 battery cells and 7 temperatures, configurable averaging of cell voltage measurements through digital filtering, and a robust isolated 2.0 Mbps communication interface. Additionally, it supports onboard balancing of up to 300 mA.

14-Channel Li-Ion Battery Cell Controller IC Block Diagram



View additional information for [14-Channel Li-Ion Battery Cell Controller IC](#).

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. © 2024 NXP B.V.