



# Battery Sensor with CAN and LIN

## MM9Z1\_638

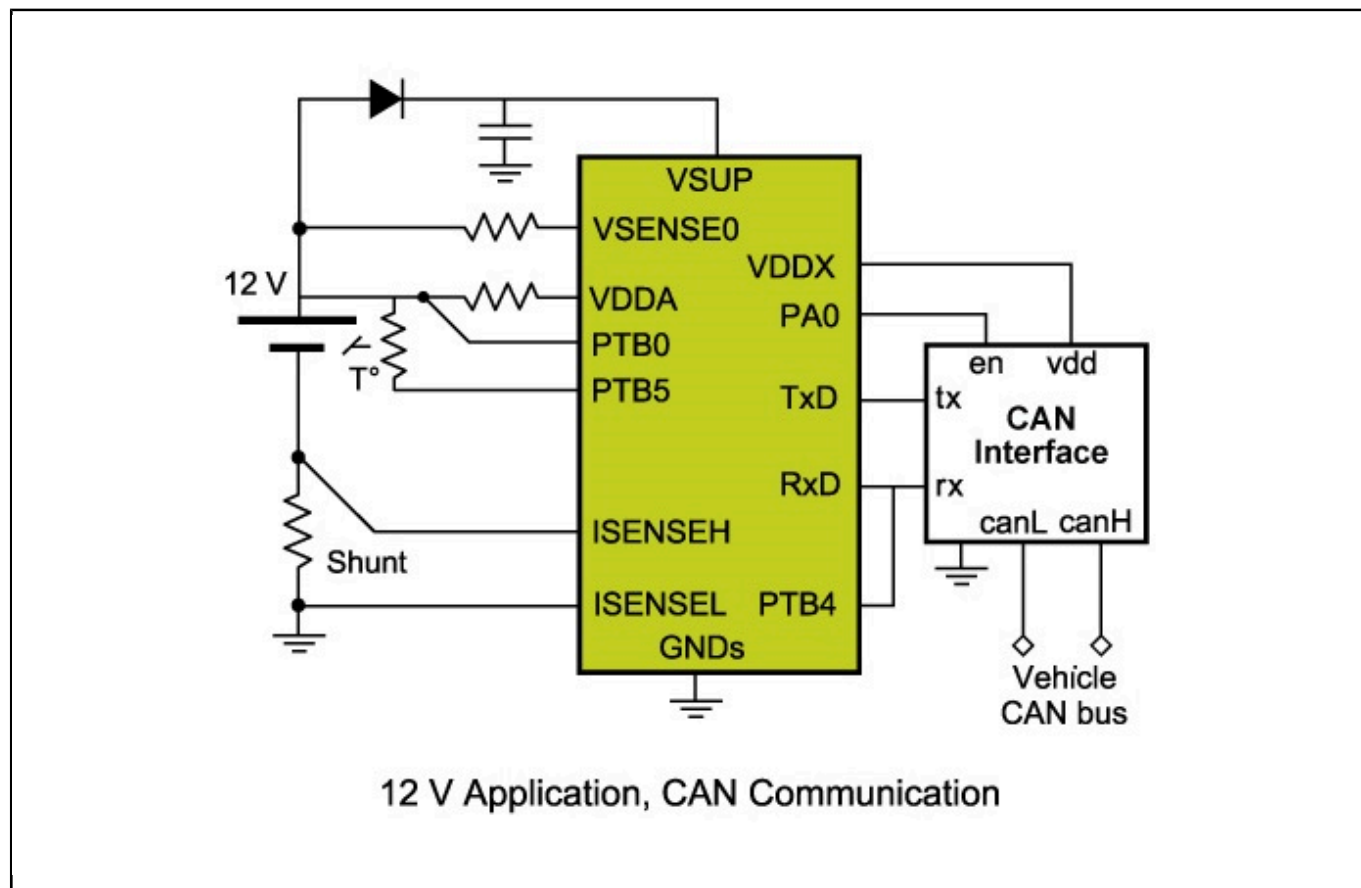
Last Updated: Mar 24, 2025

不建议新设计使用MM9Z1J638BM2EP和MM9Z1I638BM2EP。请参考兼容的替代部件MM9Z1J638TM5EP和MM9Z1I638TM5EP。

恩智浦MM9Z1\_638是一个全面集成的电池监测器件，特性包括：

- 可通过外部分流电阻支持精确电流测量
- 使用内部校准电阻分频器或外部分频器测量4个电压
- 一个内部温度传感器，支持近距离测量电池温度，外加4个外部温度传感器输入
- LIN 2.2协议和物理接口以及MSCAN协议控制器，可与汽车总线连接

## MM9Z1 Block Diagram



View additional information for [Battery Sensor with CAN and LIN](#).

**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.