



# Battery Sensor with CAN and LIN

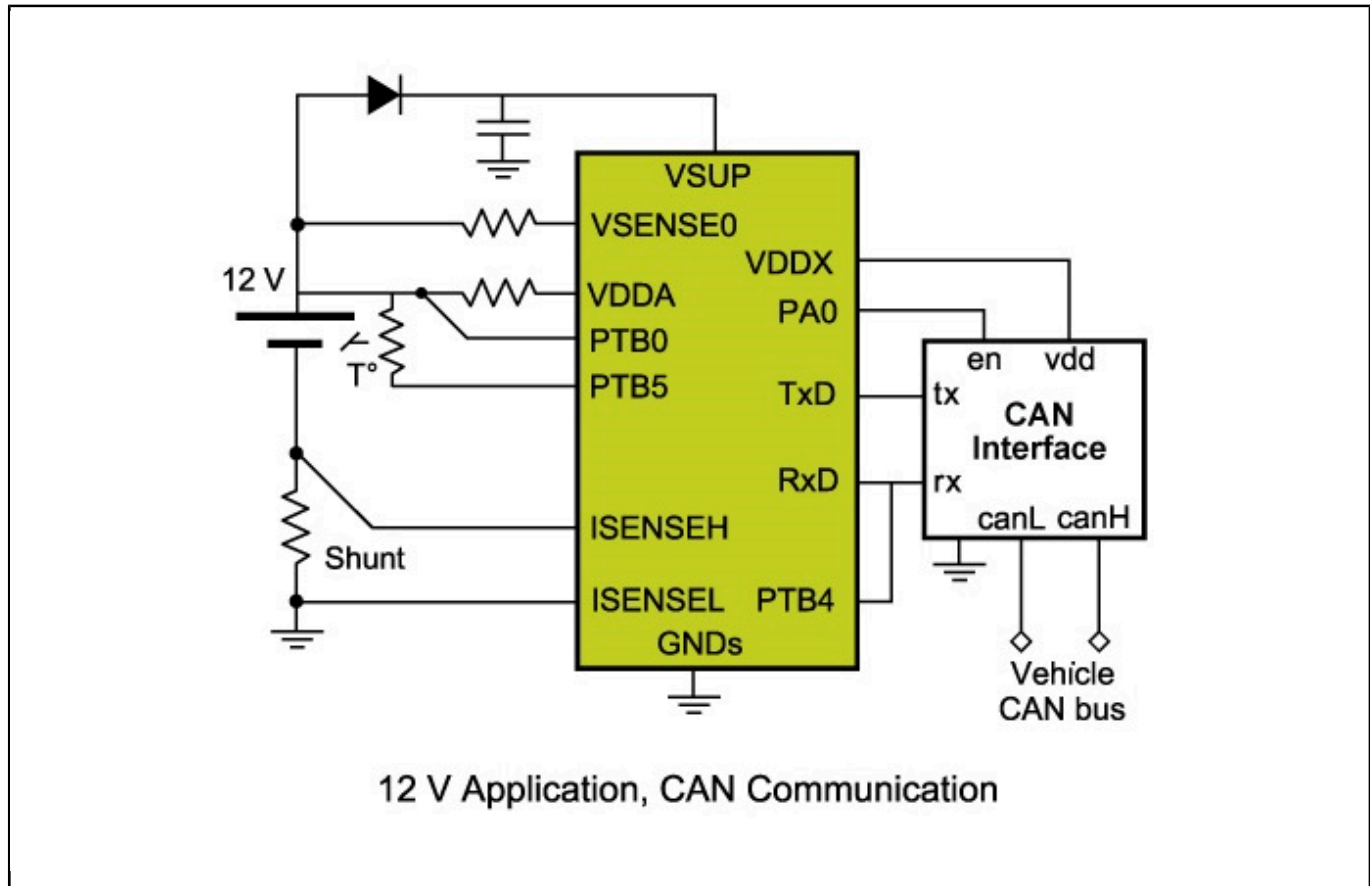
## MM9Z1\_638

Last Updated: Jul 20, 2023

The NXP® MM9Z1\_638 is a fully integrated battery monitoring device, featuring:

- Support of precise current measurement via an external shunt resistor
- Four voltage measurement via an internal calibrated resistor divider or use of an external divider
- An internal temperature sensor, allowing close proximity battery temperature measurements, plus four external temperature sensor inputs
- LIN 2.2 protocol and physical interface and an MSCAN protocol controller for interfacing to automotive buses

## MM9Z1 PSP Block Diagram Block Diagram



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

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

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