



# SBC Gen2 with High-Speed CAN and LIN

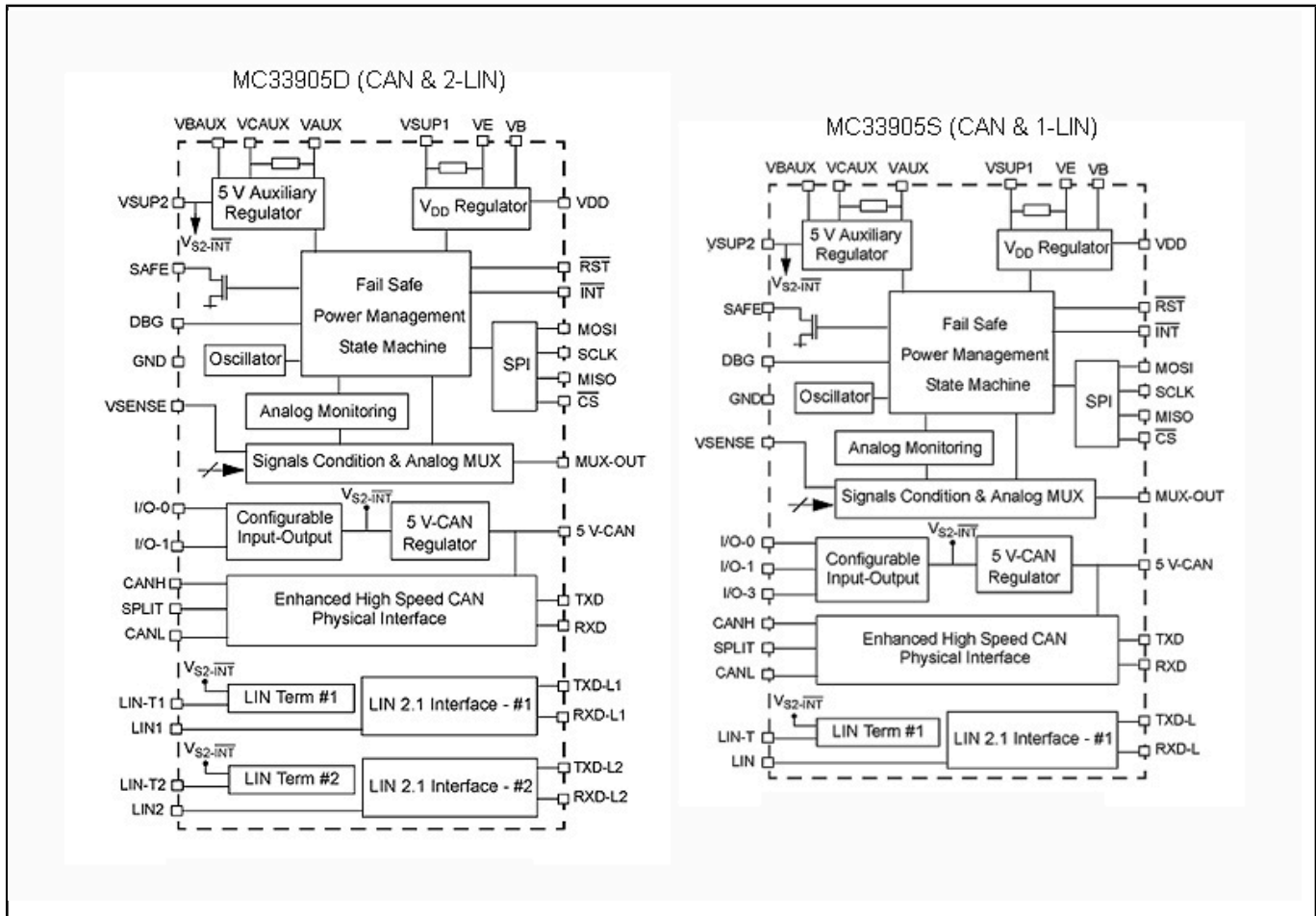
## MC33905

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The NXP® MC33905 is part of a second generation family of system basis chips, combining multiple features and enhanced module design.

- The MC33905 works as an advanced power management unit for the MCU and additional integrated circuits such as sensors and CAN transceivers
- Built-in enhanced high-speed CAN interface (ISO11898-2 and -5), with local and bus failure diagnostics, protection and fail-safe operation mode.
- The SBC may include zero, one or two LIN 2.1 interfaces with LIN output pin switches
- Includes 2 or 3 wake-up input pins than can also be configured as output drivers for flexibility

## MC33905 Battery Management Block Diagram Block Diagram



View additional information for [SBC Gen2 with High-Speed CAN and LIN](#).

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

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