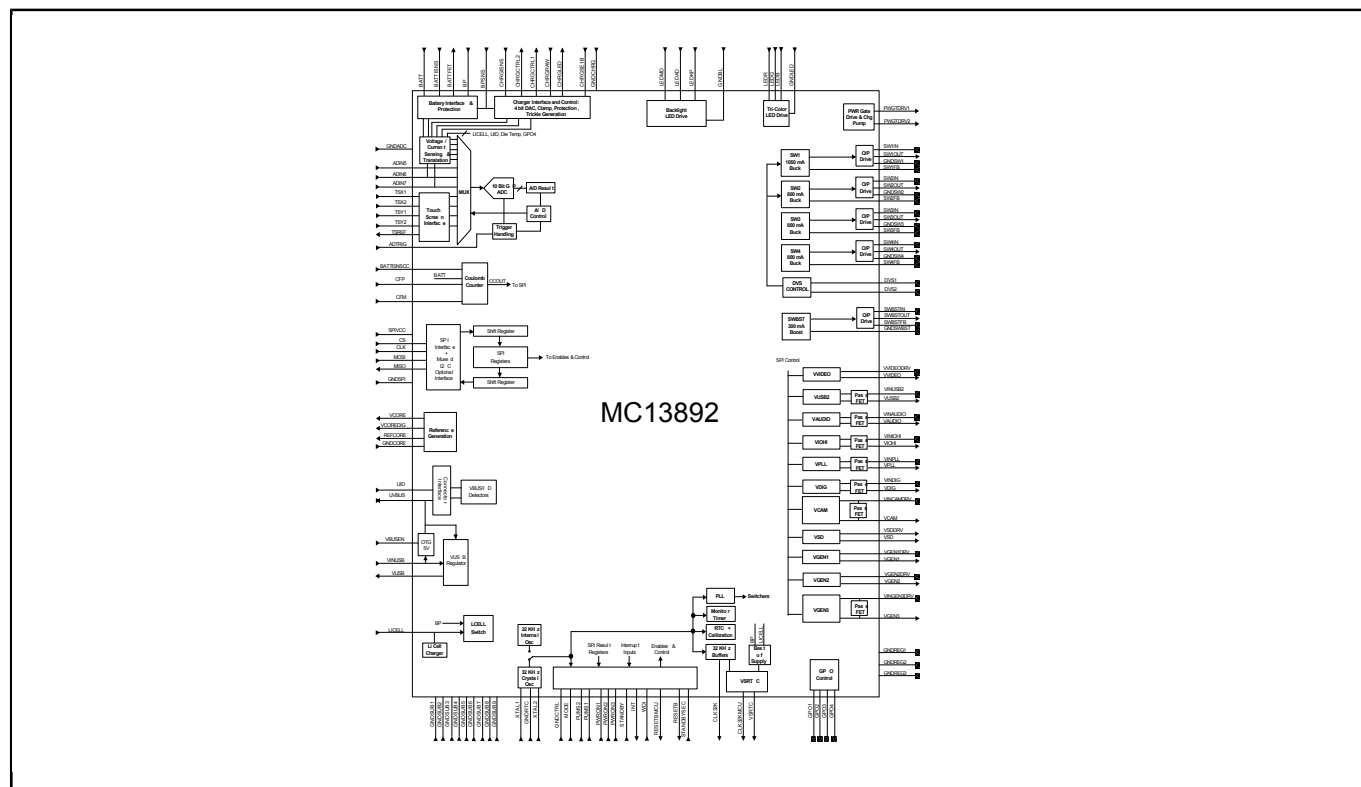# Power Management IC (PMIC) for i.MX35/51

MC13892

Last Updated: Dec 23, 2025

The MC13892 is a PMIC for the i.MX51, i.MX37, i.MX3 and i.MX27 application processors, ideal for personal media players and navigation devices.

- Integrates many discrete functions into one IC
- Incorporates a battery charging system, including USB charging and wall charging
- Power control logic with processor interfacing and event detection, real-time clock and critical oscillator circuitry with coin cell backup and support for external secure RTC on a companion processor IC device
- Interfaces with i.MX processors or any other device requiring a highly integrated, bi-directional power management, I/O and communications device

Freescale MC13892 PMIC Block Diagram

View additional information for Power Management IC (PMIC) for i.MX35/51.

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