



# Power Management for i.MX50/53 Processors

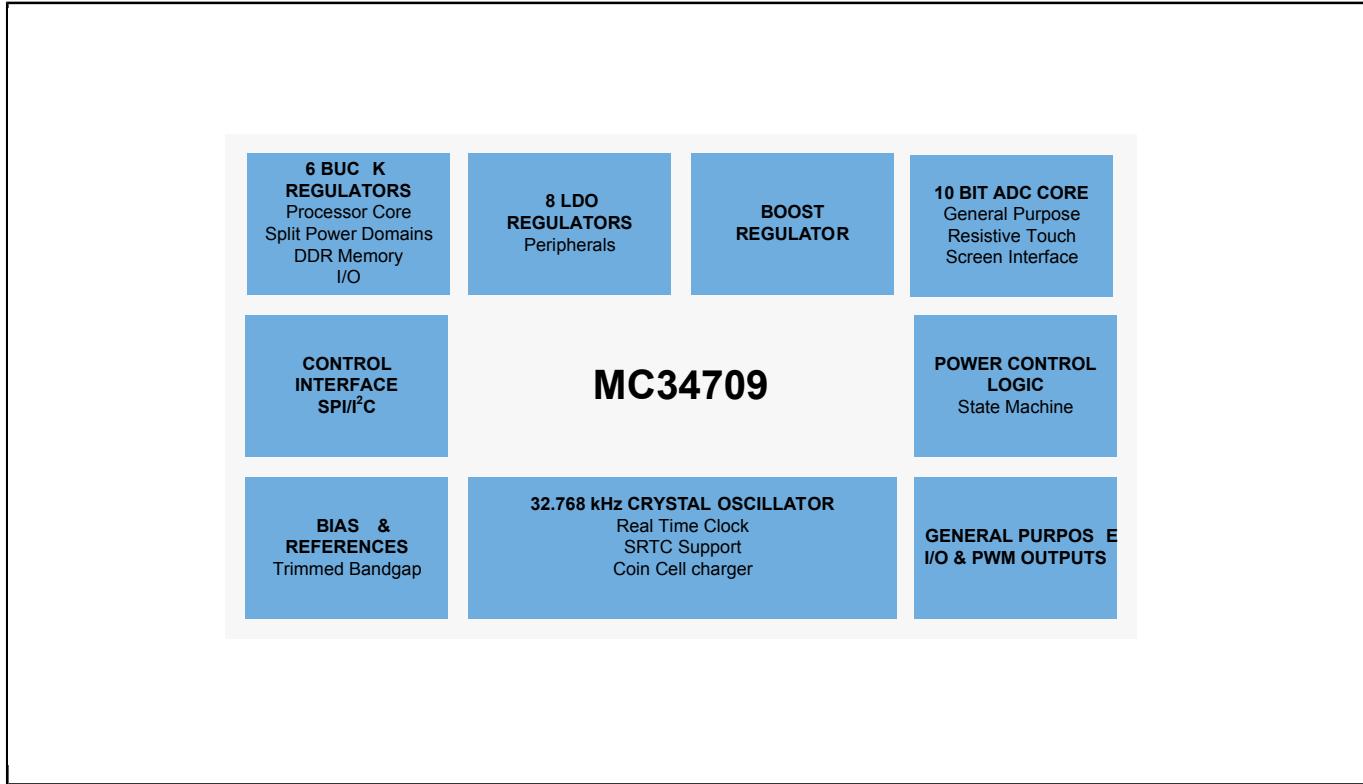
## MC34709

Last Updated: Dec 23, 2025

The MC34709 is a power management integrated circuit (PMIC) designed primarily for use with the i.MX 50 and i.MX53 families.

- Offers a low cost solution targeting embedded applications that do not require a battery charger
- Can be easily combined with an external charger, allowing flexibility for either single or multi-cell Li-Ion battery configurations
- Supports both consumer and industrial applications with a single 130-pin 8x8 MAPBGA 0.5 mm pitch package that is easily routable in low cost board designs

## MC34709 Block Diagram



[View additional information for Power Management for i.MX50/53 Processors.](#)

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

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