



# Power Management for i.MX50/53 Processors

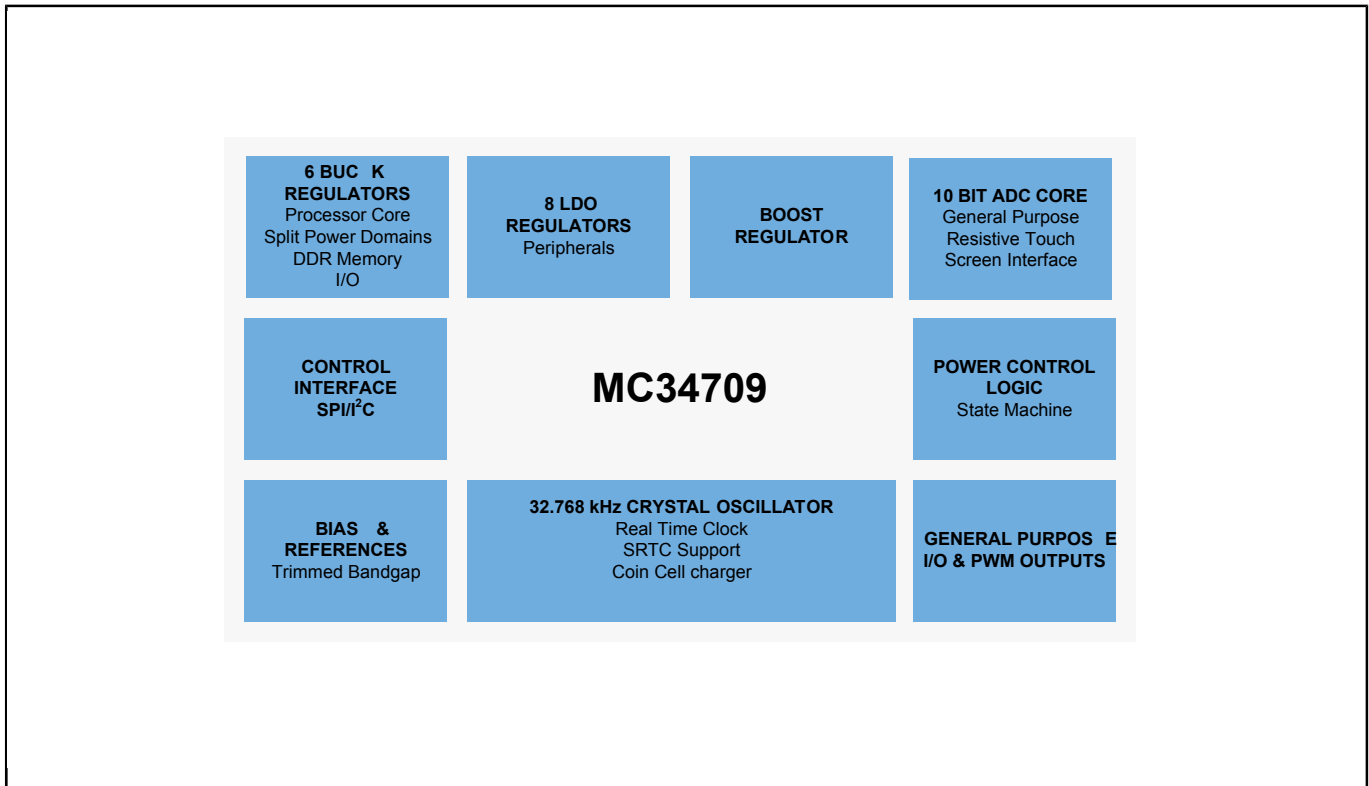
## MC34709

Last Updated: May 25, 2023

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.

**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. © 2024 NXP B.V.