



# PMIC with 1A Li+ Linear Battery Charger for Low Power Processor Systems

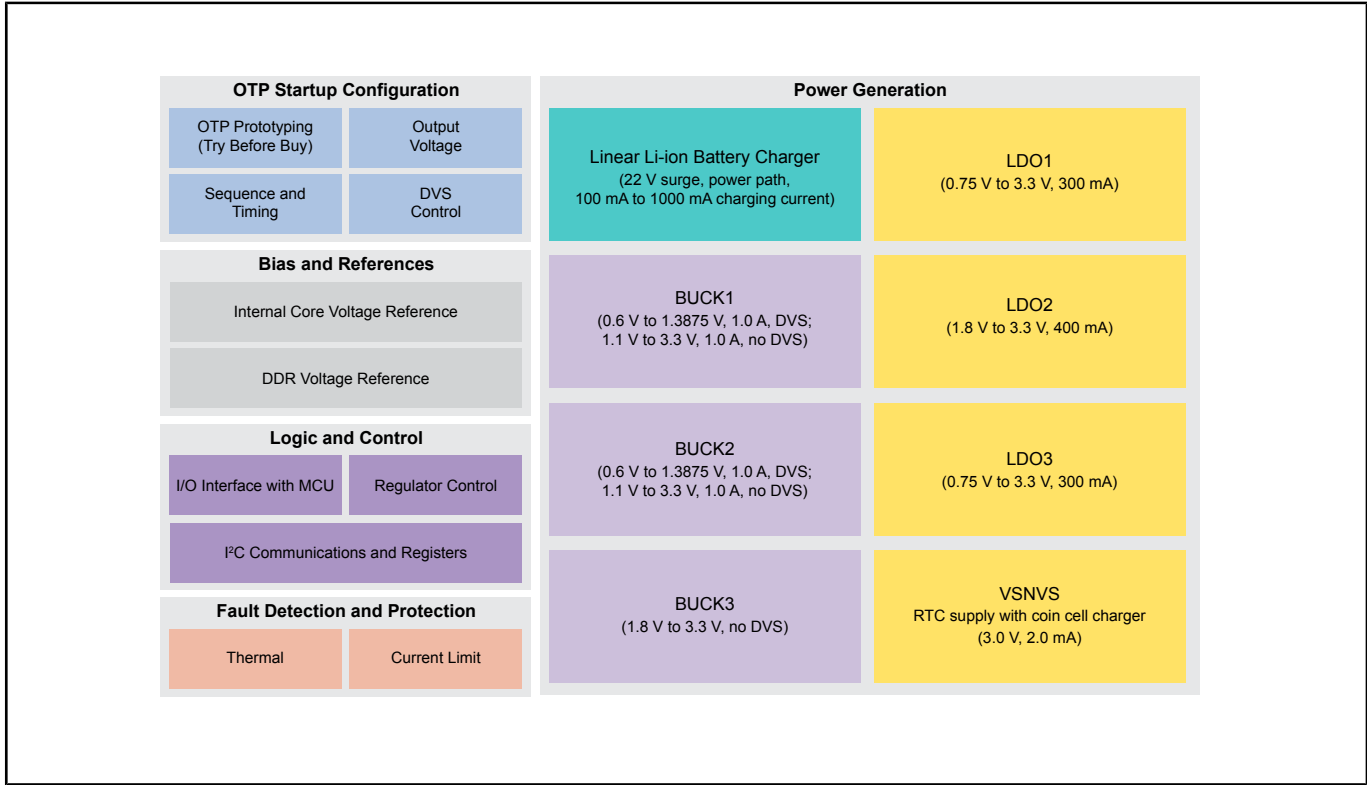
## PF1550

Last Updated: Jun 4, 2026

The PF1550 is a power management IC (PMIC) designed specifically for use with i.MX processors on low-power portable, smart wearable and Internet-of-Things (IoT) applications. It can provide full power solution to i.MX 7ULP, i.MX 6SL, 6UL, 6ULL 6SX, and RT processors-based, battery-powered systems.

With 1A integrated Li+ three high-efficiency buck converters, three linear regulators, DDR reference and RTC supply, the PF1550 can provide power for a complete system, including application processors, memory and system peripherals. The PF1550 is available in power efficient, space-saving 5x5 mm QFN package.

# PF1550: PMIC with 1A Li+ Linear Battery Charger Block Diagram



View additional information for [PMIC with 1A Li+ Linear Battery Charger for Low Power Processor Systems](#).

**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. © 2026 NXP B.V.