



NTAG[®] SmartSensor with Temperature Sensor and Digital IOs

NHS3100

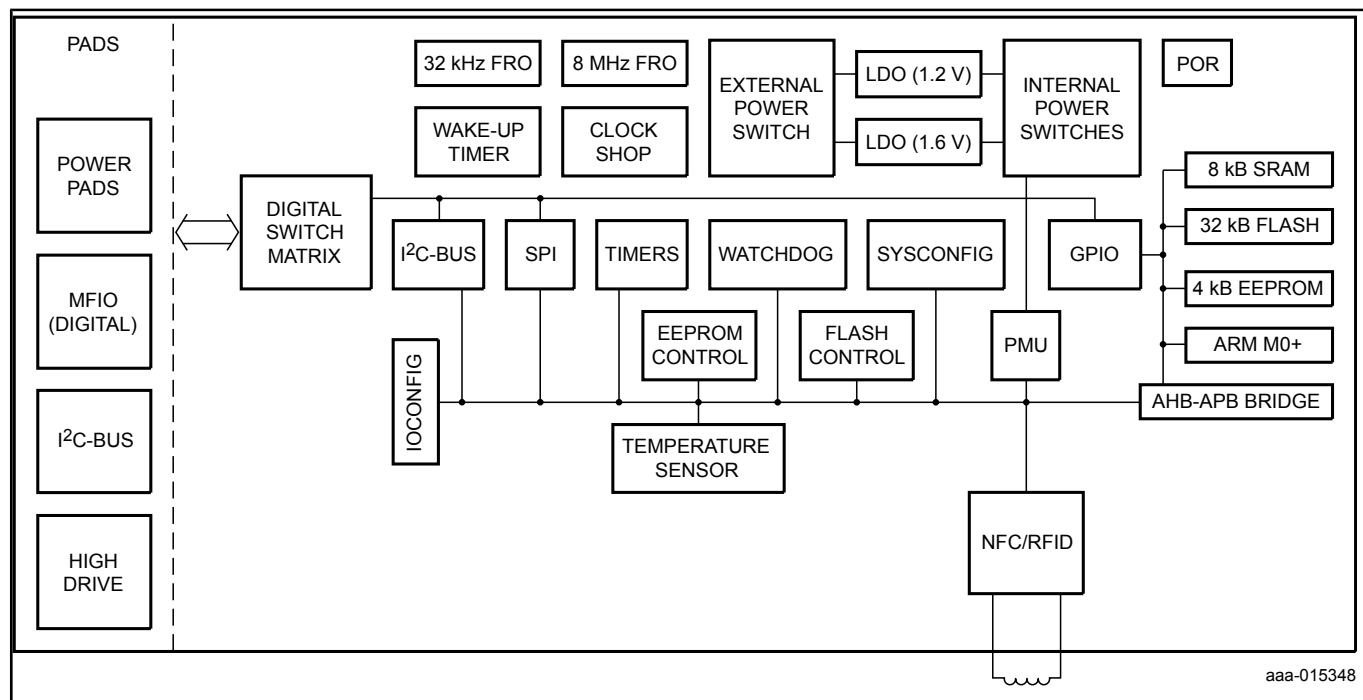
Last Updated: Dec 23, 2025

The NXP[®] NHS3100 is an IC optimized for temperature monitoring and logging. With its embedded NFC interface, internal temperature sensor and direct battery connection, it supports an effective system solution with a minimal number of external components.

The embedded Arm[®] Cortex[®]-M0+ offers flexibility to the users of this IC to implement their own dedicated solution. The NHS3100 contains multiple features, including multiple Power-down modes and a selectable CPU frequency of up to 8 MHz, for ultra-low power consumption.

Users can program this NHS3100 with the industry-wide standard solutions for Cortex-M0+ processors.

NHS3100 Block Diagram Block Diagram



View additional information for [NTAG® SmartSensor with Temperature Sensor and Digital IOs](#).

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. © 2025 NXP B.V.