



NFC Forum-Compliant Tag IC with I2C for Automotive

NCx3310

Last Updated: Jun 1, 2023

The NCx3310 is a versatile tag IC offering a wide variety of features to address multiple automotive applications.

NCx3310 allows for implementing a cost-effective NFC interface with a wired host interface that is configurable as an I2C leader/follower for automotive use cases. It is an NFC Forum-compliant contactless tag that can be read and written by an NFC-enabled device at close range and by an ISO/IEC 15693-enabled industrial reader over a longer range.

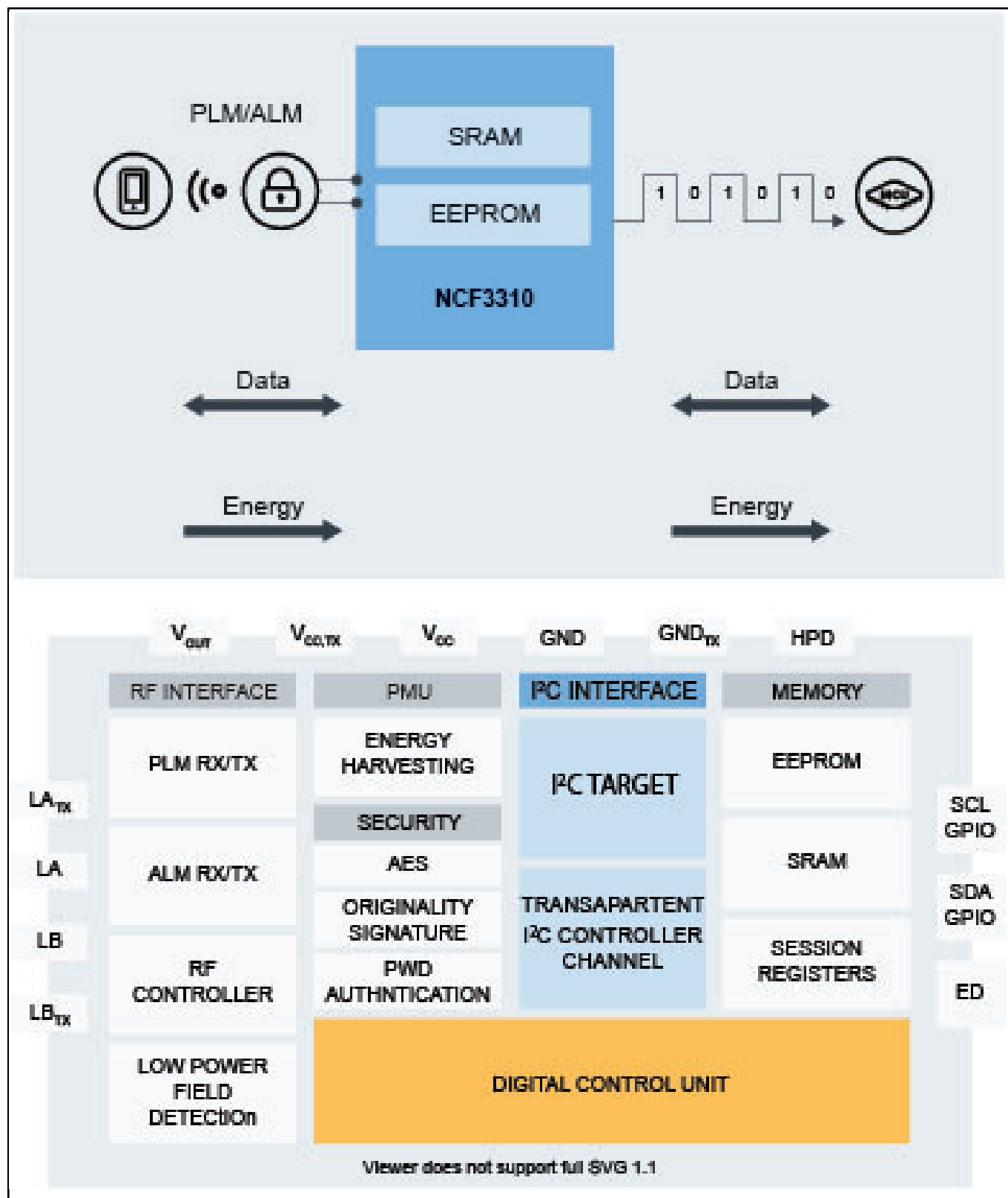
NCx3310 Automotive Tag offers:

- Reading distance: >5 cm with mobile phones and >60 cm with long-range readers
- Zero-power readout of an I2C sensor
- Energy-efficient design with reduced bill of materials
- Long battery life due to low standby current and hard power-down pin
- Antenna size reduction by a factor of 40 in active load modulation (ALM), same read range as in passive load modulation (PLM)

Please [send us an email](#) to request product support packages for this product.

Once you have your activation code, please see how to [register and activate software](#)

NCx3310 Block Diagram Block Diagram



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.