



# MIFARE Plus® EV2: Secure IC for Contactless Smart City Services

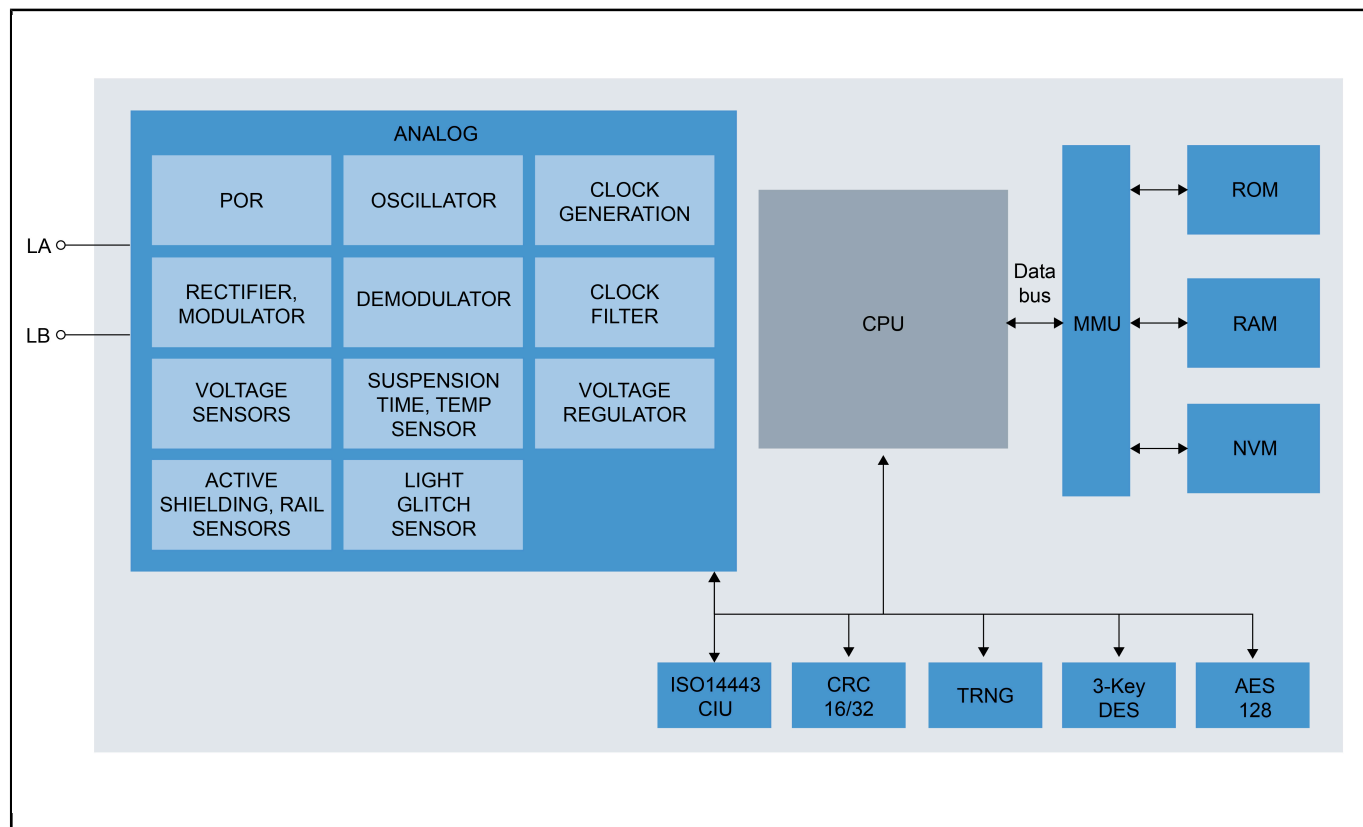
## MFPEV2

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As the next generation of NXP's MIFARE Plus product family, the MIFARE Plus EV2 IC is designed to be both a gateway for new Smart City applications and a compelling upgrade, in terms of security and connectivity, for existing deployments. Its expanded feature set makes it a great choice for contactless Smart City services:

- Security-level concept for seamless migration from legacy infrastructures to high-level SL3 security
- Transaction MAC on Data and Value Blocks to prove genuineness of transaction towards backend system
- AES 128-bit cryptography for authentication and secure messaging
- Transaction Timer to mitigate man-in-the-middle attacks
- IC hardware and software certification according to Common Criteria EAL 5+

## MIFARE Plus EV2 block diagram Block Diagram



View additional information for [MIFARE Plus® EV2: Secure IC for Contactless Smart City Services](#).

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

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