



# Automotive Secure Element with Passive NFC, I2C and SPI Interfaces

## NCJ37x

Last Updated: Aug 27, 2025

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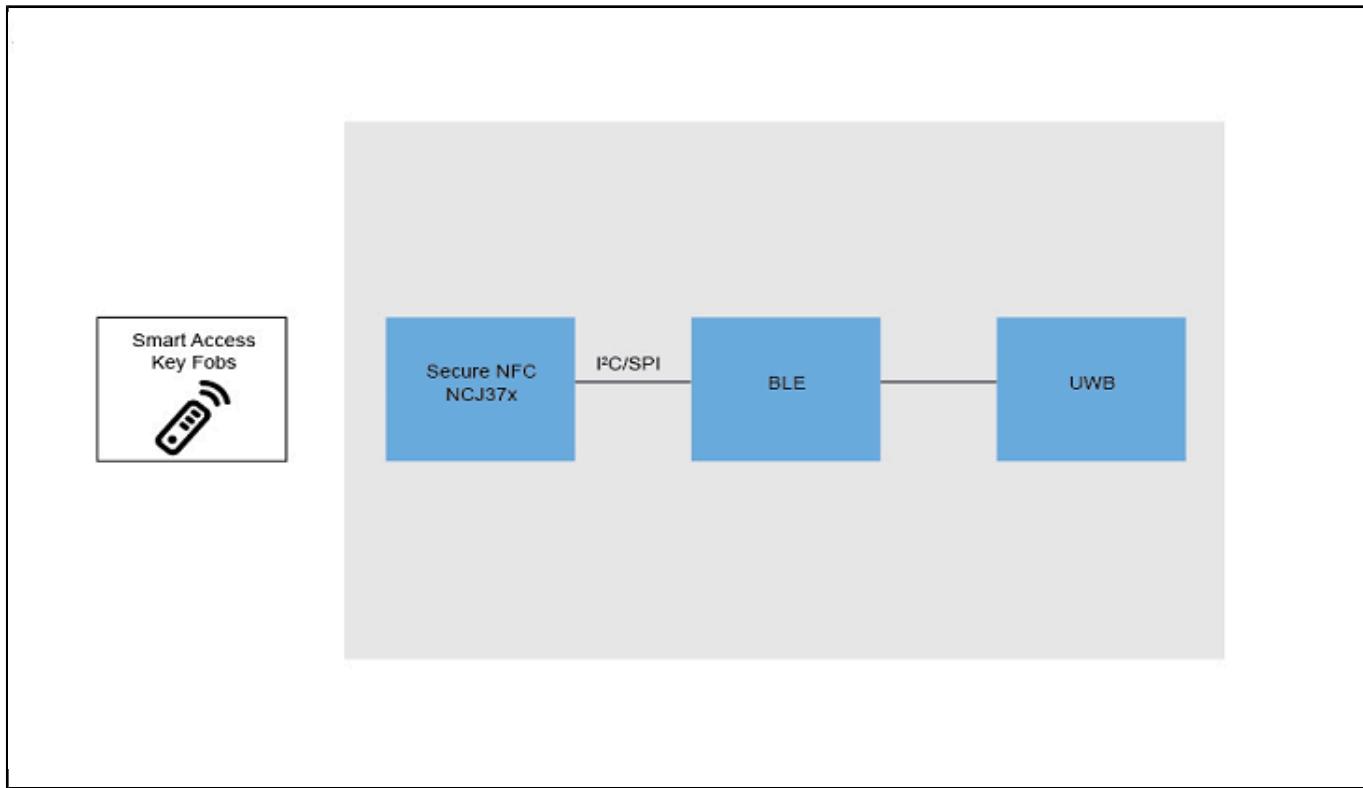
The NCJ37x family is an automotive-qualified secure microcontroller with advanced cryptographic accelerators and physical and electrical attack resistance.

The powered-by-the-field ISO 14443-4 interface and high-secure design of NXP's NCJ37 Automotive Secure Element makes the device a perfect fit for the next generation key fob combining SecureNFC, BLE and UWB technologies.

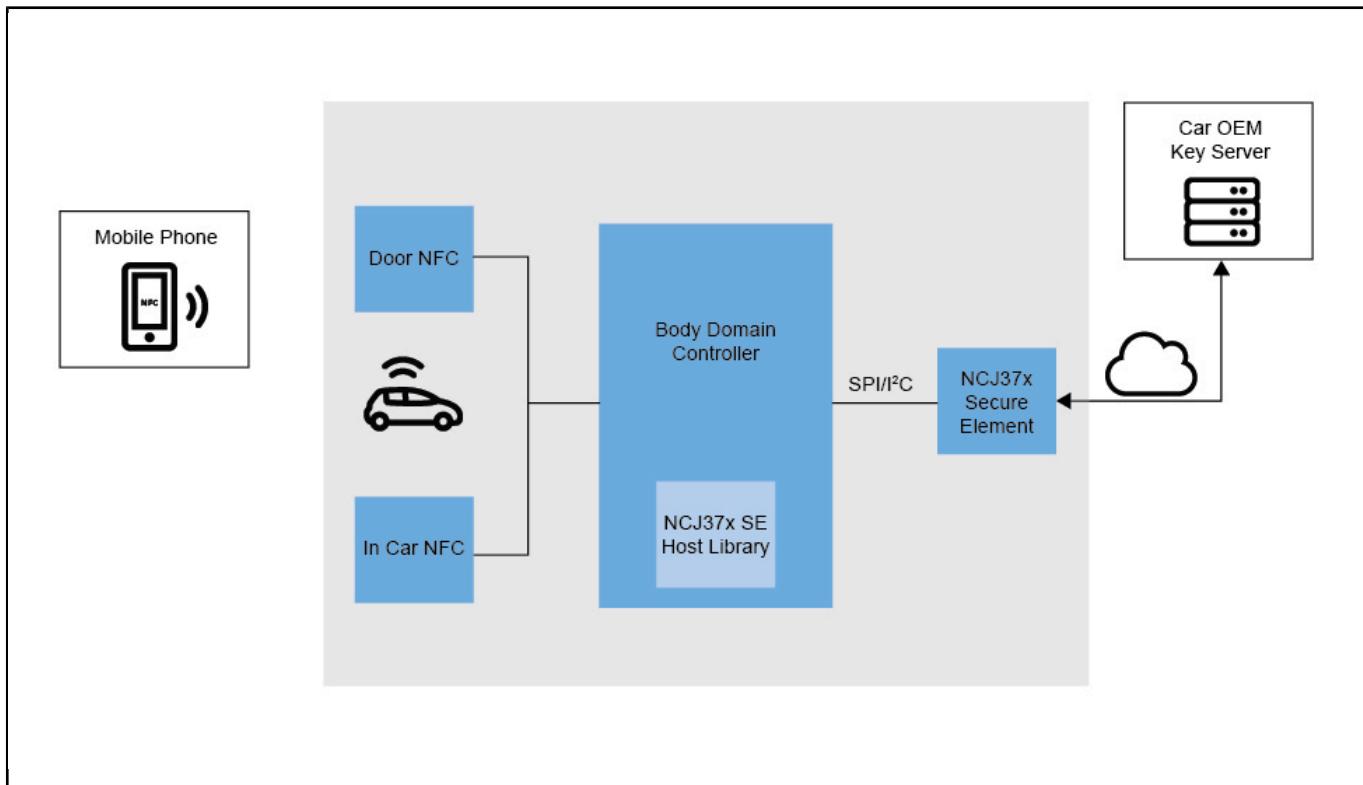
Together with NCJ37x, NXP is offering a CCC DK compatible key fob JavaCard applet to process the digital key management within the key fob.

For additional information and sample availability, contact your local [Sales Office](#).

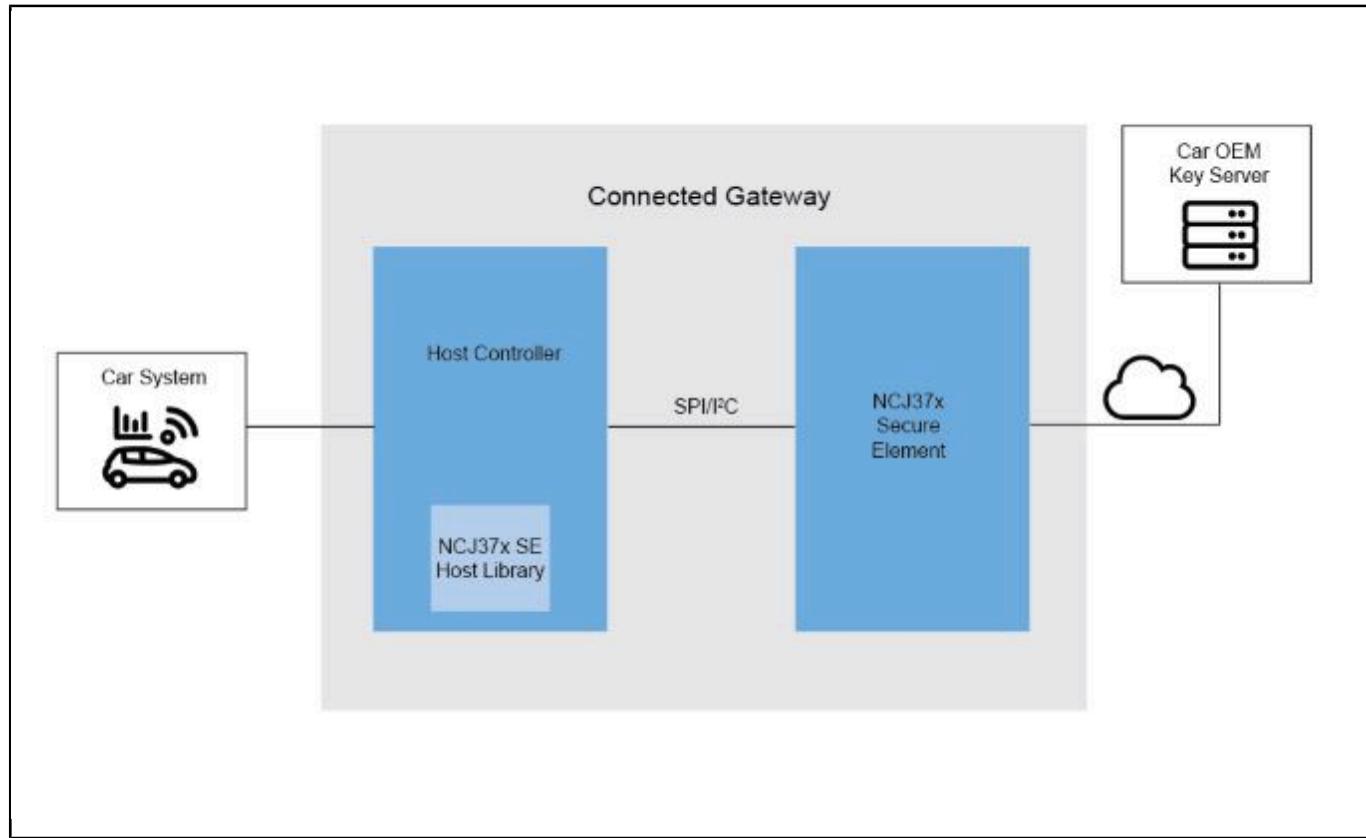
## Smart Fob Block Diagram Block Diagram



## Smart Access Vehicle Diagram Block Diagram



## Connected Car Block Diagram Block Diagram



[View additional information for Automotive Secure Element with Passive NFC, I2C and SPI Interfaces.](#)

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

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