

Baggage Tagging Last Updated: Feb 26, 2025

NXP's RAIN RFID ICs are embedded in baggage tags and provide the ability to accurately and efficiently track and trace the bag through its journey. This helps airlines to improve operations and reduce costs of mishandled luggage. From initial drop-off to final pick-up, passengers can receive real-time status updates about their checked baggage on their mobile device. NXP is a member of the IATA's Strategic Partnership Program.

Rain RFID Reader Single Use Baggage Tag Microcontroller UCODE 8 Baggage Systems Connectivity (USB, WFi, Bluetooth®) Passenger Baggage Tracking Apps **UCODE 8** Security (EdgeLock Discrete) Electronic Baggage Tag NXP Technology 📃 Non NXP Technology [] Optional Technology **Recommended Products for Baggage Tagging** • SL3S1205-15: UCODE 8/8m UCODE • SE050: EdgeLock® SE050: Plug and Trust Secure Element Family - Enhanced IoT Security with High Flexibility Security (EdgeLock Discrete)

Baggage Tagging Block Diagram

Connectivity	 88W9098: 2.4/5 GHz Dual-Band 2x2 Wi-Fi[®] 6 (802.11ax) + Bluetooth[®] 5.3 K32W061_41: K32W061/41: High-Performance, Secure and Ultra-Low-Power MCU for Zigbee[®], Thread[™], and Bluetooth[®] LE 5.0 with Built-In NFC Option RW610: Wireless MCU with Integrated Radio: 1x1 Wi-Fi[®] 6 + Bluetooth[®] Low Energy 5.4 Radios RW612: Wireless MCU with Integrated Tri-radio: 1x1 Wi-Fi[®] 6 + Bluetooth[®] Low Energy 5.4 / 802.15.4 IW416: 2.4/5 GHz Dual-Band 1x1 Wi-Fi[®] 4 (802.11n) + Bluetooth[®] 5.2 Solution
Microcontrollers (MCU)	LPC1100 Arm Cortex-M0+/M0: LPC1100 Series: Scalable Entry-Level Microcontrollers (MCUs) Based on Arm [®] Cortex [®] - M0+/M0 Cores

View our complete solution for Baggage Tagging.

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.