

Precision, Protection, and Performance in One Smart Keyfob

Powered by NXP's latest MIFARE® DESFire® EV3 technology, the Akuvox KF03 Keyfob delivers industry-leading security and enhanced operational performance. Designed for modern access control applications, it supports advanced encryption and secure contactless services while ensuring excellent interoperability.

At a Glance

- Certified IC hardware and software with EAL5+ security certification
- Supports DES, 2K3DES, 3K3DES, and AES encryption algorithms
- SUN message authentication for enhanced data protection
- Transaction timer to help mitigate man-in-the-middle attacks
- Integrated slot hole for quick attachment to a key ring or lanyard



Specifications

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| <ul style="list-style-type: none"> • Operating Frequency: 13.56 MHz • Communication Protocol: ISO/IEC 14443 Type A • Non-volatile memory: 8 KB • Application Support: Unlimited (within available memory) • UID: 7-byte Static UID • Dimensions: 44.6 × 34.5 mm (±0.1 mm) • Thickness: 6 mm (± 0.1mm) • Material: PC + ABS | <ul style="list-style-type: none"> • Operating Humidity: 10% to 90% RH, Non-Condensing • Operating Temperature: -20°C to +50°C • Storage Temperature: -20°C to +50°C • Typical Data Retention: >25 years • Write Endurance: Minimum 1,000,000 write cycles • Environmental Compliance: RoHS, China RoHS, REACH, Halogen Free |
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