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RFID Security

Techniques, Protocols and System-On-Chip Design

- The first book to comprehensively cover RFID security issues and solutions
- Provides a reference for engineers to develop efficient security algorithms in practical RFID systems
- Provides a comprehensive reference on state-of-the-art technologies for RFID security
- Details the hardware implementation for the algorithms and protocols in RFID security
- Allows easy cross-referencing via the broad coverage on a variety of security issues and solutions

RFID Security: Techniques, Protocols and System-On-Chip Design is an edited book covering fundamentals, security theories and protocols, and hardware implementations for cryptography algorithms and security techniques in RFID. The volume is structured in three parts. Part 1 deals with RFID fundamentals, including system architectures and applications. Part 2 addresses RFID security protocols and techniques with a comprehensive collection of the recent state-of-art protocols and techniques to secure RFID avoiding all potential security forces and cracks. Finally, the book discusses hardware implementation of security algorithms. This section deals with the hardware implementations of cryptography algorithms and protocols dedicated to RFID platforms and chips.

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