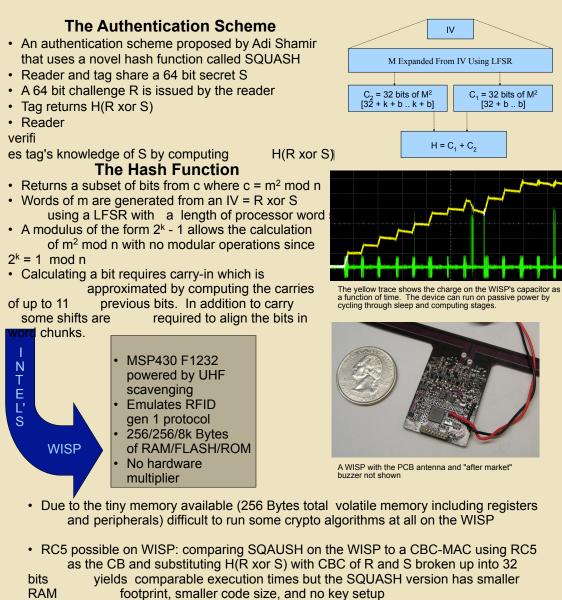
Authentication in Ubiquitous Devices

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rfid-cusp.org

RFID Authentication Scheme on Intel's WISP



 Suitable for both sensor network node type devices and RFID tags as the design can be serialized

References

"Maximalist Cryptography and Computation on the WISP UHF RFID Tag" RFIDSec, 2007. "Design of a passively-powered, programmable platform for UHF RFID systems." IEEE International Conference on RFID 2007. "A wirelessly-powered platform for sensing and computation." Ubicomp, 2006. "SQUASH: A New One-way Hash Function With Provable Security Properties for Highly Constrained Devices such as RFID Tags" Adi Shamir, presentation notes.

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