The Transparent Authenticated Secure Storage Integrated Circuit (TASSIC) from Tropic Square is a cryptographically and physically secured, non-volatile storage chip.

TASSIC is designed for the special purpose of handling digital secrets and serving as a fundamental building block for digital trust, in a minimalistic implementation. Its cryptographic key management and ability to derive a digital unique identity secures storage in embedded systems and trusted digital devices.

Serial interfaces and compatibility with the ISO 7816-3 protocol positions TASSIC as a drop-in replacement for serial flash devices and secure elements. It shortens time to market with transparent and auditable chip implementation. Open-source, production-grade software drivers and an FPGA-executable functional model of TASSIC are coming soon.

The Transparent Authenticated Secure Storage Integrated Circuit (TASSIC) from Tropic Square is a cryptographically and physically secured, non-volatile storage chip.

Key Features
- TASSIC transformation of a low-entropy secret (PIN) to a high-entropy secret can be used in various cryptographic applications.
- TASSIC focuses on security at all stages of the chip lifecycle. From manufacturing, through deployment, runtime, and even when powered off.

Want to learn more?
Visit our website at tropicsquare.com or email us at welcome@tropicsquare.com