



OPTIGA™ Trust E – SLS 32A1A

Easy and cost effective security solution for high value goods

As embedded systems are increasingly gaining attention of attackers, Infineon offers the OPTIGA™ Trust E as a turnkey security solution for industrial automation systems, smart homes, consumer devices or medical devices. This high-end security controller comes with full system integration support for easy and cost effective deployment of high-end security for your assets.

Broad range of use cases and functionalities

Integrated in your specific system architecture, the OPTIGA™ Trust E supports the protection of services, business models and user experience. Based on its 1-way authentication mechanism, it uniquely identifies objects and protects PKI networks. Furthermore the OPTIGA™ Trust E safeguard quality and safety of your product.

Enhanced security

The OPTIGA™ Trust E comes with an advanced security controller built on Elliptic Curve Cryptography (ECC) with 256-bit and SHA-256. This new security technology greatly enhances your overall system security. Furthermore the OPTIGA™ Trust E solution features key management, certificate generation and validation as well as PKI support.

Fast and easy integration

The turnkey set-up with full system integration and all key material preprogrammed reduces your efforts for design, integration and deployment to a minimum. As a turnkey solution, the OPTIGA™ Trust E comes with OS, embedded application and complete host side integration support. The extended temperature range of -40 to 85 °C combined with a standardized I2C interface and small PG-USON-10 footprint will enable all your embedded projects.

As security in embedded systems is the critical success factor, customers can trust in Infineon's profound security expertise reflected in more than 25-years of leading position and nearly 20 billion security controllers shipped worldwide.

