

Authentication Micro-module IP68



Overview

The Microchip ATECC608A integrates ECDH (Elliptic Curve Diffie Hellman) security protocol an ultra-secure method to provide key agreement for encryption/decryption, along with ECDSA (Elliptic Curve Digital Signature Algorithm) sign-verify authentication for the Internet of Things. The Microchip ATECC608A integrates ECDH (Elliptic Curve Diffie Hellman) security protocol an ultra-secure method to provide key agreement for encryption/decryption, along with ECDSA (Elliptic Curve Digital Signature Algorithm) sign-verify authentication for the Internet of Things. The Microchip ATECC608A integrates ECDH (Elliptic Curve Diffie Hellman) security protocol an ultra-secure method to provide key agreement for encryption/decryption, along with ECDSA (Elliptic Curve Digital Signature Algorithm) sign-verify authentication for the Internet of Things (IoT) market. FIDO2 Level 2 Certified, Fits on keychain, Near field communication (NFC), TAA COMPLIANT, Waterproof and Crush Resistant FIDO2 Level 2 Certified, Fits on keychain, Near field communication (NFC), TAA COMPLIANT, Waterproof and Crush Res. See more Protect your accounts with strong two-factor. The PN7642 is a highly integrated and customizable solution which combines a high-performance NFC reader, a low-power Arm[®]

Cortex[®] -M33-based MCU with 180 kB of programmable flash memory and a SESIP-certified security system optimized for secure key storage and cryptography. The PN7642 is a. Are you looking for a quick and easy way to implement secure authentication for your Internet of Things (IoT) design?

Our Trust&GO platform is designed to streamline the process of enabling network authentication using our ATECC608C secure elements. With a Minimum Orderable Quantity (MOQ) of just. It enables plain/simple encryption and decryption of a single 128-bit data (i. For these, several so called modes of operation are implemented Support protocols (challenges.). Microchip's (formerly Atmel's) ATECC508A is a small IC with a cryptographic co-processor and secure, hardware-based key storage. Each device has a unique 72-bit serial number, enough.

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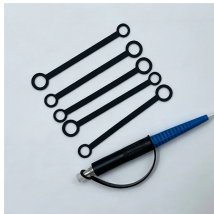
The table below highlights the appropriate authentication IC for each market. Click on the green checkmarks to read our blog articles about these markets and products.



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It offers pre-architected implementation for accessory authentication, firmware validation, secure boot assistance, key rotation and more. Compatible for AWS IoT, Microsoft Azure, Google Cloud Platform ...



With its IP68 waterproof, crush-proof, and tamper-resistant design, GoTrust Idem ...



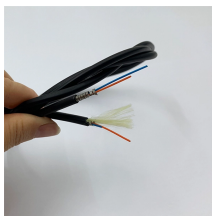
The Public Key Cryptography (PKC) module is a hardware module that supports fast signature generation and verification with ECDSA. In particular, it enables modular and non-modular ...



With its IP68 waterproof, crush-proof, and tamper-resistant design, GoTrust Idem Key is ideal for securing remote teams, student records, and medical systems.



Explore how to build trust, ensure compliance, and protect critical IoT systems with NXP's EdgeLock secure elements and authenticators. Explore how NXP delivers scalable, modular security solutions ...



The STSAFE-A100 is a highly secure solution that acts as a secure element providing authentication and data management services to a local or remote host. It consists of a full turnkey solution with a ...

Waterproof and dustproof, reliable and safe
The outer classic lock design allows the opening of the cabinet and door to be seamlessly compressed without leaving a trace of gaps



Enhance your security with the RAK5814 Encryption Module featuring the Microchip ATECC608A. This module provides advanced cryptographic features for secure data transmission and protection ...



The PN7642 is a highly integrated and customizable solution which combines a high-performance NFC reader, a low-power Arm® Cortex® -M33-based MCU with 180 kB of ...

Contact Us

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