



life.augmented

A composite image showing a city skyline at night with a complex network of glowing white and blue lines and dots overlaid, representing a global communication or security network. The background is a dark blue gradient.

Seamless Security STSAFE-A110



Ease your secure design with STSAFE-A110

STSAFE-A110

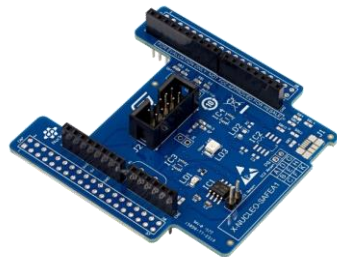
Secure Authentication

Unique ID
Authentication



STM32 Open development platform

X-NUCLEO-SAFEA1
X-CUBE-SAFEA1



Secure Provisioning

Customer credentials
LPWAN, USB Type-C,
Qi charging



Cloud Attachment

AWS, AZURE





STSAFE-A110

Secure Element for Brand Protection & IoT

Protect your brand
consumables / peripherals

Secure the connected devices
IoT nodes / gateways

- Authentication
- Secure connection establishment (TLS)
- Secure data storage
- Signature verification
- Personalization @ ST factory
- EAL5+ Common Criteria certified

Samples and STM32 Nucleo expansion board available @ distribution www.st.com/STSAFE-A

STSAFE-A110

Enriched secure connection & LPWAN

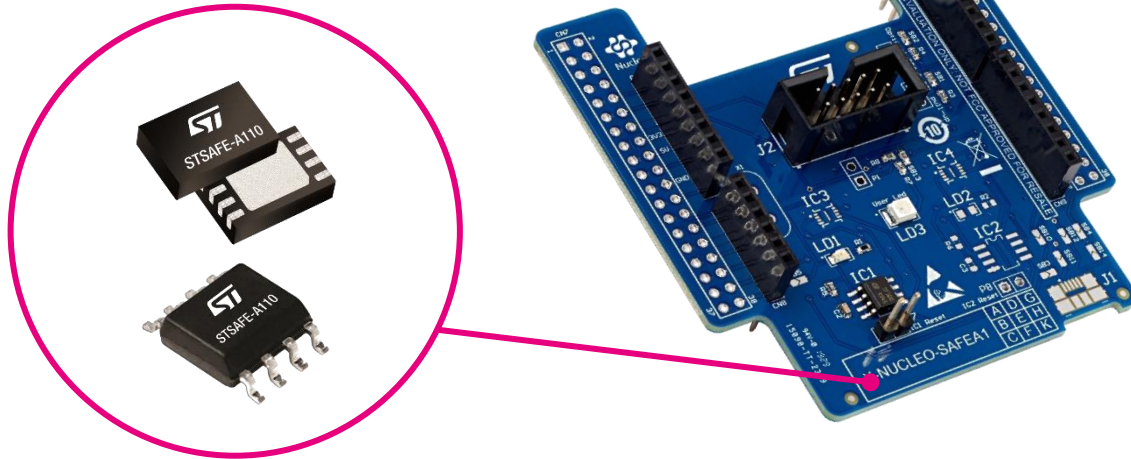
- Customer certificate & keys personalization in an ST secure environment
- **Seamless integration** with **STM32 Nucleo** Expansion board and **CUBE** Software package





STSAFE-A110 evaluation tools

Complete set of tools for seamless integration



- ODE STM32 expansion board
- Pre-personalized STSAFE-A110
- Arduino™ interface
- STM32 Cube development ecosystem
- Drivers and examples source codes



STSAFE-A Secure provisioning

Personalization @ST secure factory
available from 5Kunit (MOQ)

Cloud zero-touch provisioning

