



ST25DA-C Matter commissioning made easy





Looking for a simple way

to boost smart home

adoption?





Choose Matter

device commissioning

over NFC

All it takes is a simple tap!



Main market segments

Smart home & building



Lighting, switches and controls



Appliances



HVAC



Sensors



Actuators



Any device that requires Matter certificates



ST25DA-C benefits for everyone

Device makers

- No aesthetic impact
- Less code to support (NFC stack)
- Battery-less capability
- Improved UX

Device installers

- Simple & intuitive tap to start
- Faster & more stable than BLE
- Commissioning flow can be started without power, useful for devices in difficult to access environments
- Easy identification of multiple devices installed in parallel

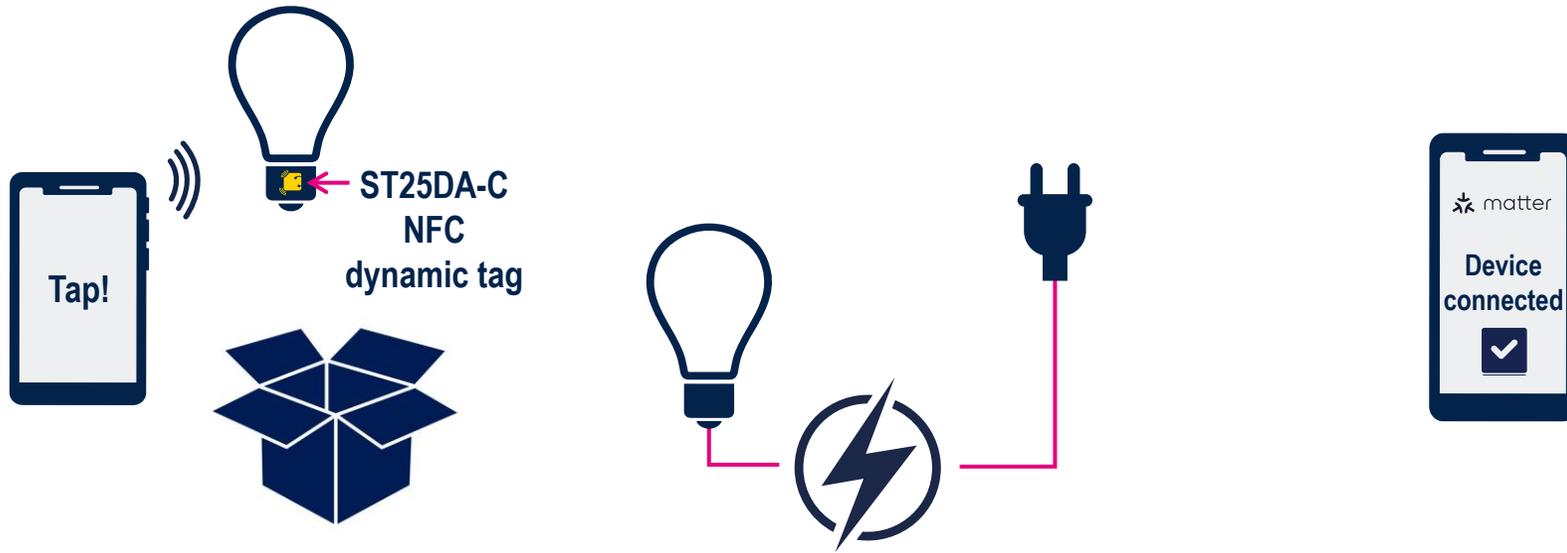
A convenient solution to accelerate
Matter device commissioning & smart home adoption





ST25DA-C overview

Innovative NFC Forum type 4 tag designed for Matter device commissioning*



1 Tap the product

2 Connect to power grid



Commissioning completed

Secure

Efficient

Reliable

Battery-less



* Matter1.5 provisional feature



ST25DA-C product features

Industry-first all-in-one connectivity & security solution for Matter

**SESIP L3
HW CC EAL6+**

Key applications

- Lighting Devices
- HVAC and Climate Control
- Security and Access Control
- Appliances
- Media and Entertainment
- Environmental Sensors

Use cases

- Battery-less commissioning (Matter)
- FW upgrade over I2C (Matter OTA)
- Secure storage for keys & certificates

Key features

- NFC Type 4 (106/212/424/848 kbps)
- I2C target, up to 400KHz
- ECC, AES 128b, TRNG, SPAKE2+ Password Authenticated Key Exchange
- Secure storage up to 3KB, Secure channel SCP03
- 1.62-3.3 V operating voltage, Temp range -25°C to +85°C
- DFN8 2x3mm

Key benefits

- Commission battery-less devices on Matter network
- Secure storage, signature generation/verification over I2C



Our technology starts with You

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