

INDUSTRIAL PRODUCT DATASHEET

Grove - NFC (ST25DV64), ST25DV64K Chip, Versatile NFC/RFID tag board, 3.3V/5V power supply

The Grove - NFC (ST25DV64) is an ST25DV64K-based NFC tag board with 64 Kbits EEPROM, fast secure transfer, 3.3V/5V power, and Grove connector, designed for access control, home automation, payments, device pairing, and...

SKU

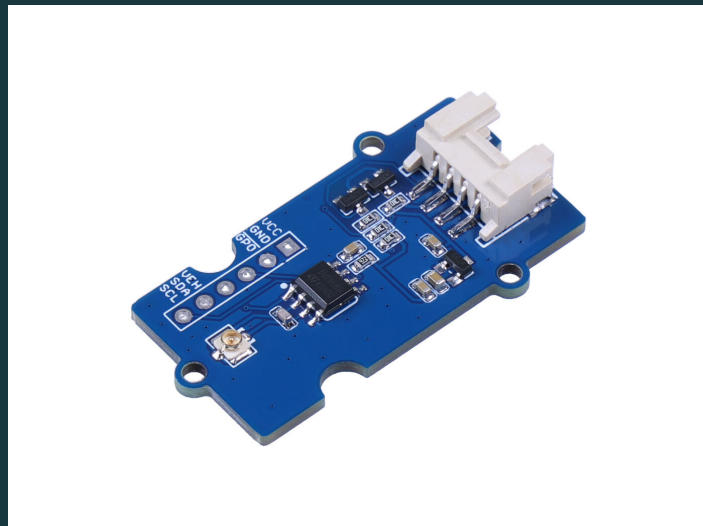
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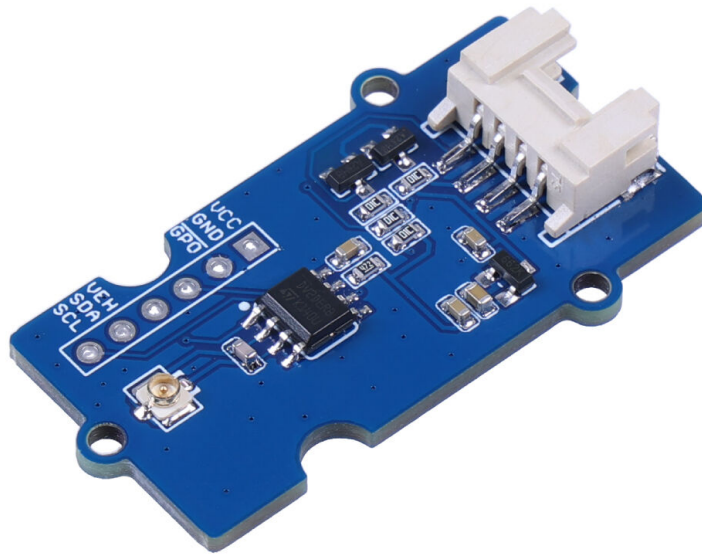
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PRICE

\$7.90(Excl. VAT)



Overview

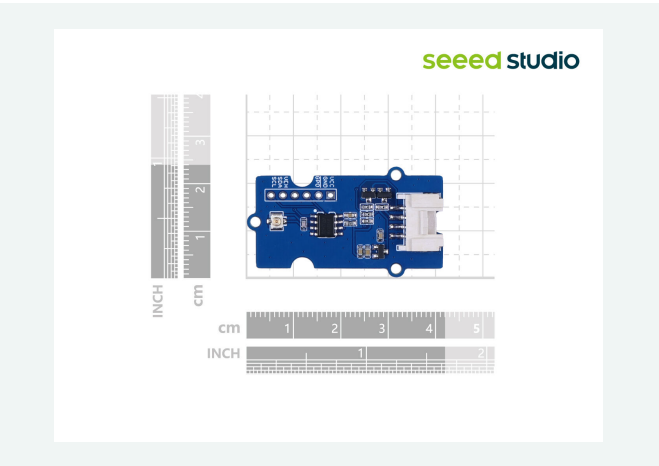
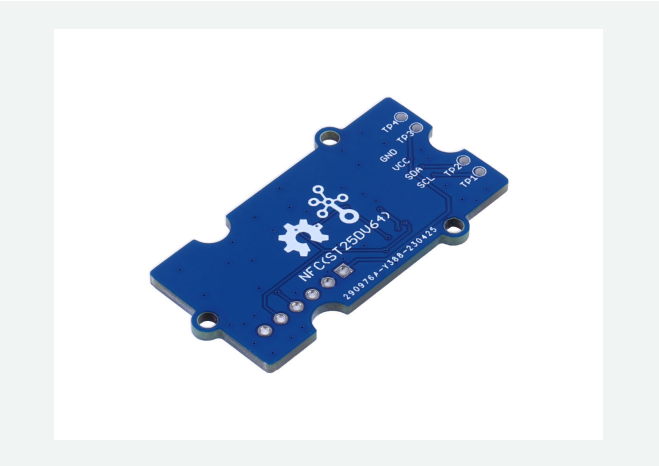
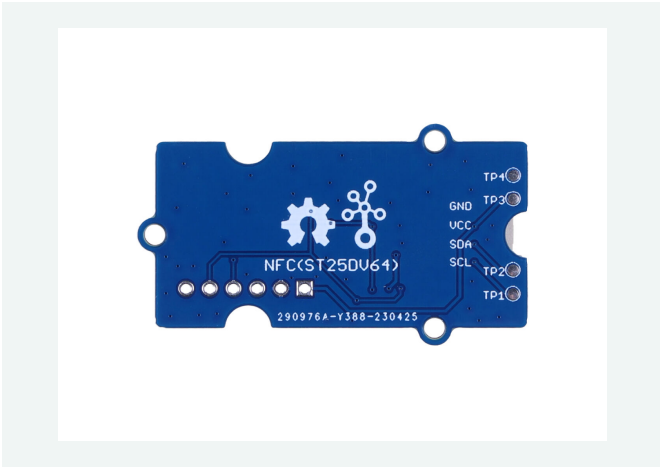
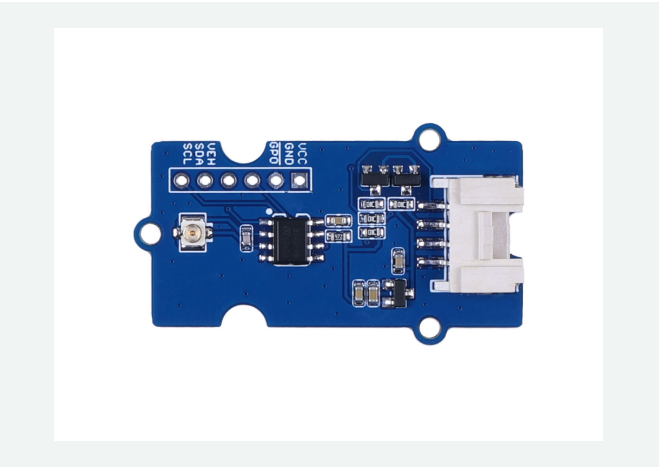


The Grove - NFC (ST25DV64) is an NFC tag board based on the ST25DV64K chip, offering 64 Kbits of EEPROM storage, fast transfer, multi-level data protection, and compliance with ISO/IEC 15693 and NFC Forum Type 5 standards. It supports 3.3V/5V power and uses a standard Grove HY2.0-4Pin connector for simple integration into access control, smart home automation, contactless payments, device pairing, and inventory tracking applications.

Key Features

- **NFC Functionality Module:** Based on the ST25DV64K chip, supports ISO/IEC 15693 and NFC Forum Type 5 tag standards
- **Ample Storage Capacity:** 64 Kbits of EEPROM, organized in 2048 blocks of 32 bits each.
- **Efficient and Secure:** Fast transfer mode and multiple levels of data protection.
- **Compatible with both 3.3V and 5V power supply**
- **Simple Connection and Operation:** Uses the standard Grove connector (HY2.0 - 4Pin) for easy integration with other Grove modules

Product Gallery



Specification

Feature	Specification
Chip	ST25DV64K
Operating Frequency	13.56 MHz

Protocol	ISO/IEC 15693
Communication Interface	I2C
Grove Connector	4-pin HY2.0
Operating Voltage	3.3/5V

Applications

- **Access Control:** Use the Grove - NFC (ST25DV64) as a key card for access control systems.
- **Smart Home Automation:** Store configuration data on the tag to control smart home devices or trigger specific actions.
- **Contactless Payments:** Integrate the tag into a payment system for contactless transactions.
- **Device Pairing:** Simplify the pairing process between devices by storing connection information on the NFC tag.
- **Inventory Tracking:** Attach the NFC tag to products to store product information and simplify inventory management.

Part List

Grove - NFC (ST25DV64)	x1
Grove Cable	x1

Compliance & Logistics



HSCODE	8517799000
USHSCODE	8517620090
UPC	
EUHSCODE	8517180000
COO	CHINA

Resource Links

- <https://www.seeedstudio.com/Grove-NFC-ST25DV64KC-p-5688.html>
- [ST25DV64K Datasheet](#)

Seeed Technology Co.,Ltd.

9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676

Web: www.seeed.cc

Shop: www.seeedstudio.com