

# PRODUCT DATASHEET

## NFC Dynamic Tag Modsuble 0806

### Easy integration of NFC functionality to electronic device

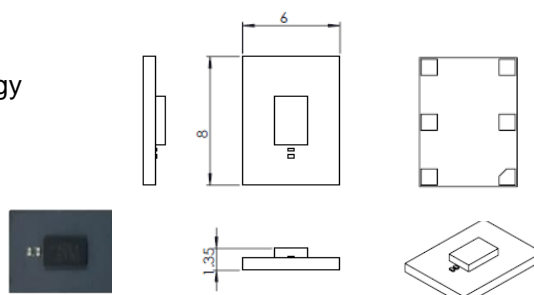
0806 DTM is a hassle-free tag solution with both the antenna and chip in a small form factor to add NFC functionality to electronic devices. Equipped with NFC Type 5-compliant ST25DV04K chip (following ISO/IEC 15693 protocol), it allows bidirectional communication between the device microcontroller and an NFC-enabled mobile phone by both RF and I2C interfaces. This Tag features easy integration to the device by surface-mount technology and it opens more possibilities for applications regarding Internet of Things.

### Features

- ISO/IEC 15693, NFC Forum Type 5 Compliant
- Dual interfaces of both RFID and I2C
- Easy integration via surface-mount technology

### Applications

- Consumer electronics
- Equipment setup and configuration
- Factory automation and sensing

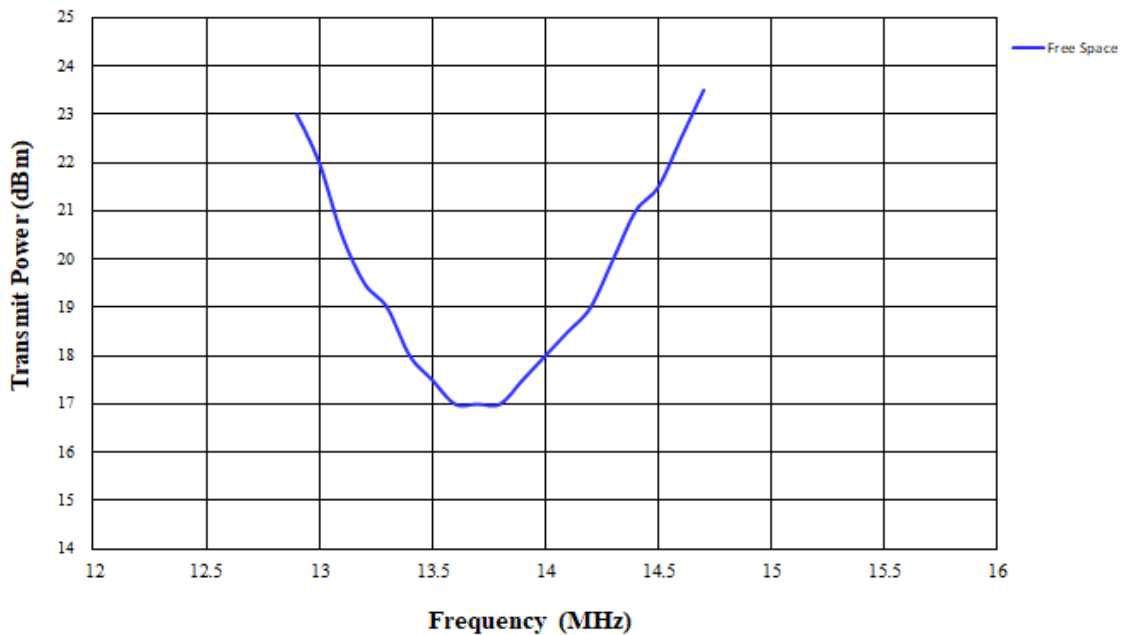


### RF Specification

<b>IC Type</b>	ST25DV04K
<b>Memory</b>	EEPROM 4-Kbit
<b>RF Interface Protocol</b>	ISO/ ICE 15693
<b>Operating Frequency</b>	13.56 MHz
<b>Applicable Surface</b>	Non - Metal

## Physical Specification

<b>Material</b>	Ferrite
<b>Size</b>	L 8.0 mm/ 0.31 in W 6.0mm/ 0.23 in Thickness 1.35mm/ 0.05 in *The exact size is mainly based on metric unit.
<b>IP Rating</b>	IP65
<b>Attachment</b>	SMD Process / Insert molding Applicable



\*HF sensitivity shown in the figure is measured by Testram UD Loop Antenna 13phi. Actual sensitivity performance is subject to the environment in practice.

## Environmental Resistance

<b>Operating Temperature</b>	-40°C to +85°C
<b>Storage Temperature</b>	-40°C to +85°C
<b>Warranty</b>	One Year

Ref. No: Digi-key / 420990815-02276

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