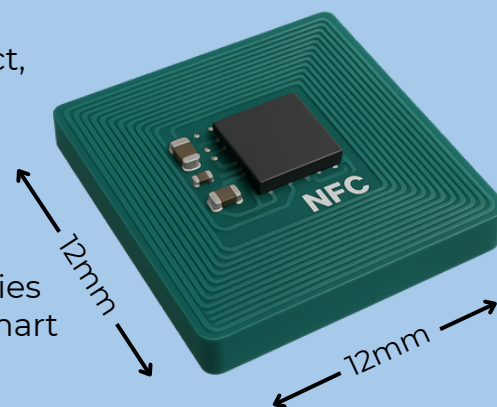


Unlock seamless NFC TAG connectivity with GMCTech's compact, cost-effective NFC modules.

Fully integrated NFC module with built-in antenna, optimized antenna tuning, and no external components required.

Ideal for a wide variety of NFC-based applications across industries including wearables, access systems, product authentication, smart packaging, and IOT solutions.



ADVANTAGES

- Based on state-of-the-art ST SOC
- **Contactless communication via NFC module**
- Integrated built-in antenna
- **External components are not required**
- Pre-tuned capacitors for optimal performance
- NFC communication range of up to 25mm
- Designed for **easy integration** and **cost efficiency**
- Ideal for smart devices, secure access, and more
- Fast data transfer between I²C and NFC Interface
- **Saves Engineering time and Equipment**

***Plug-and-Play, high value
all in a tiny footprint***

SPECIFICATIONS

Subject	GMCT144-SCS
Size [mm]	12 x 12 x 1.3
Antenna	Internal (Built-in)
Antenna tuning	Integrated
External components	Not required
Connection distance	< 25mm
Interfaces	RF and I ² C
DC Supply [V]	1.8 - 5.5
ISO/IEC	15693
NFC SOC	ST25DV64
Memory	64Kbit EEPROM

ORDERING INFORMATION

GMCT144-SCS 12x12 NFC Module

GMCT144-SCS-CON NFC Demo Board

GMCT144-SCS **price \$3.6@100Kpcs**

GMCT144-SCS-CON **price \$50@1pc**

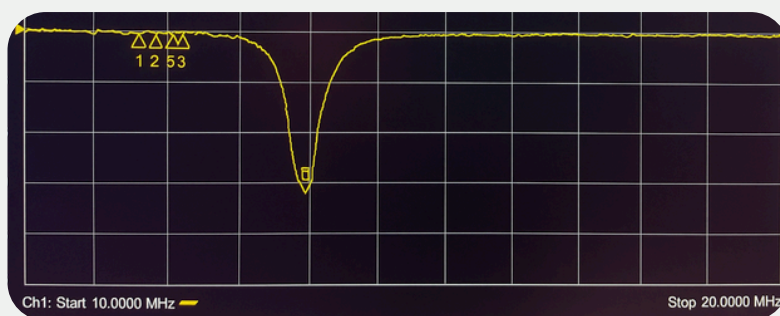
CONTACT US

info@gmct.net

PERFORMANCE



Test setup with Loop Probe



S11 measurement of GMCT144-SCS