SMAOT100A LTE UICC SIM Card

on Dragonfly v4
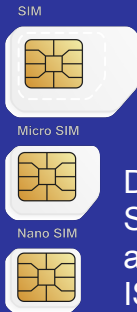
SIM

Micro SIM

Nano SIM

Ready for 3G/LTE deployments

DragonFly NFC SIM supports all use cases in a single SIM on top of a fully 4G LTE compatible SIM with advanced features such as EAP, OTA over HTTPs and ISIM.

Our offer:

Seamless LTE Access & Being in control of LTE Security

The SIM card is the only way to authenticate to the 3G and LTE network. SMAOT100A offers LTE configuration to allow smooth and seamless access to LTE services.

SMAOT100A KEY FEATURES	
Size	512K Flash up to 700K, largest NFC SIM of the market
Global Platform	GP 2.2, Am A,B,C,D,E & UICC Config
ETSI	• NFC Release 9 • CATTP Release 6 • 3GPP up to Release 11
Javacard	3.0.4
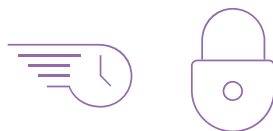
Why SMARTJAC?

Trusted by the largest network companies worldwide, with high presence in standards, and strong understanding of the ecosystem SMARTJAC provides Security expertise fitting needs for **LTE** Deployment and challenges in labs, test networks, PLTE's and CBRS networks.

SMARTJAC
Identity Everywhere

Software Features

- Java Card 3.0.4
- 3GPP Release 9+
- GlobalPlatform 2.2.1
- OTA
    - OTA over SMS / AES ciphering
    - OTA over CAT-TP
    - OTA over HTTPs / GP2.2 AmdB
- Authentication applications
    - 4 logical channels
    - SIM, USIM
    - ISIM
    - EAP
- Authentication algorithms

    - Milenage (or XOR)

- Cryptographic features for OTA
    - CRC16, CRC32
    - DES, 3DES, AES 128/256 bits
    - HTTPs OTA
- Java Card™ Cryptographic APIs
    - CRC16, CRC32

    - DES, 3DES, AES 128/256 bits
- User memory
    - 512 kB, 700 kB as Option

Hardware Features

- 32-bit CPU in 90 nm CMOS technology
- Max frequency 44 Mhz
- DES, AES, RSA, ECC Hardware accelerator
- Supply voltages range: Class A,B,C

- Memory Endurance

    - Up to 500,000 Cycles

Specific Features

- Global Platform Am A,B,C,D,E

- NFC/SWP Support
- EAL 4+ PP USIM V2
- EMVCo Certified

- NFC Applications:
    - MIFARE4MOBILE 2.1
    - MIFARE DESFire ™
    - Calypso
    - EMVO

    - Visa
    - MasterCard

Cutting-edge technology

Chip	• IO209 • CC EAL5+ • HW crypto accelerator • 128 to 512 kB Flash Memory for customer profile • 6 kB RAM Memory
Authentication algorithm	• Milenage •
Authentication application	• USIM • ISIM • SIM
Over-The-Air (OTA)	• GP Amendment B (OTA over HTTPs) • SMS
Compliant Standards	• 3GPP Rel.11 • ETSI Rel.R11 • Java Card 3.0.4 • Global Platform 2.2.1