

# MS6003 Secure USB Hardware Platform

Many secure USB tokens are built by adding a USB bridge to a PKI Smart Card chip because of the lack of an integrated solution. MS6003 offers that unique USB interface integration:



**Optimized BoM**  
No need for crystal,  
ESD protection nor RTC



**Highest Security**  
certification CC  
EAL5+



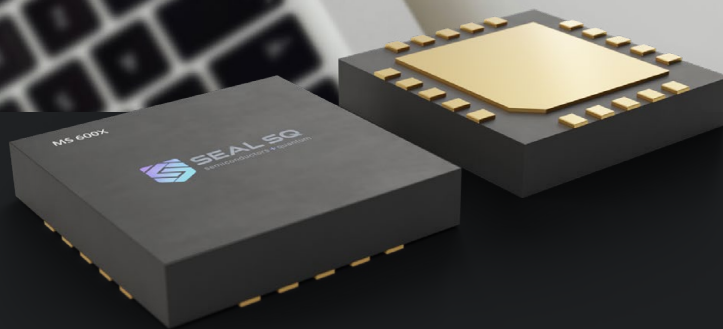
**High Performance**  
32-bit ARM  
SC300 CPU



**Flexible**  
1MB Flash, choice  
of USB, IC or SPI



**Compatible**  
Java OS Ready



They trust us

SIEMENS

LEGIC

iStorage®

NEOWAVE



## USB & Fido Token

## OTP / Secure Login



## Secure Storage

## Crypto Wallet



## Technical Features

### Key features:

- 50MHz 32-bit SC300 ARM SecureCore
- 1MByte Flash, 24kB RAM
- TDES, AES, RNG, PKI co-processors and libraries
- 8 Endpoints USB 2.0 Full Speed Interface with Clock Recovery
- ISO 7816, I2C, SPI, 8 GPIOs
- Nano Power RTC (<300nA)
- 8kV contact IEC 61000-4-2 ESD protection
- 2.7V to 5.5V
- -40°C to 105°C Operating Ranges
- Available in Wafers & 4x4mm QFN20 package
- Optional provisioning & personalization in CC EAL5+ secure environment