



# Ebanking Authentication

As an expert in strong authentication for banks, Nationz enables our customers to make online banking more secure with market-proved PKI technology. We provide hardware-based secure access and authentication for network access, e-transactions and e-banking applications.

- > Full certifications to match financial grade security
- > Ultra-low power consumption design to support longer standby time
- > Expertise in secure chip field to reduce time-to market and time-to-project to unprecedented levels

Nationz is the largest supplier of IC chips for eBanking market of China with 70% market share, with over 500,000,000 Chips Shipped.



USB Key



2<sup>nd</sup>generation USB Key



OTP

## PKI (Public Key Infrastructure)

PKI(Public Key Infrastructure)is the major online identity authentication method in China,it supports the distribution and identification of public encryption keys,and enabling users and computers to both securely exchange data over the internet and verify the identity of the other party.

## 可应用于

- > 2<sup>nd</sup>generation USB Key
- > Bluetooth Key
- > Bluetooth SIM Card
- > Soundwave Key





**国民技术**  
nationz technologies



Product name	Z32HUA	Z32HUB	Z8D256U	Z8D16R
Product details	Memory (KB) 512KFlash 48K RAM	320KFlash 16KRAM	256KFlash 8KRAM	48KOTP 3KRAM
	China cryptography SM1/2/3/4	SM1/2/3/4	SM1/2/3/4	SM3
	International cryptography RSA/ECC/DES/ 3DES/AES	RSA/ECC/DES/ 3DES/AES	RSA/ECC/DES 3DES/AES	
Typical applications	2 <sup>nd</sup> generation USB Key	●	●	●
	Bluetooth Key	●	●	●
	Soundwave Key	●	●	●
	OTP			●