

# OPTIGA™ Trust B

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Infineon Technologies  
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# OPTIGA™ Trust B (SLE95250)

## ECC HW authentication for anti-counterfeit



### Security

- › Elliptic curve Cryptography (131 bit key)
- › Unique 96 bit identifier (UID)
- › Public key certified by ODC-163 based digital certificate
- › End of life security kill feature

### Protected memory

- › 512 Bit USER lockable user NVM
- › Integrated 32Bit lifecycle counter
- › Auto-kill security feature for protected end of life

### Easy to implement

- › Full turnkey solution
- › Full host code provided
- › SWI interface
- › Temperature: standard temperature -40~+85°C / extended temperature -40~+105°C

### Applications: brand / device / object authentication & protection

**Batteries:** laptop, camera, smartphone, tablet, drone, power tool, cables etc.

**Accessories:** power bank, memory boards, I/O cards, docking stations, headsets

**Disposables:** cartridges, water filter, healthcare, phone/tablet cases, consumer



### Product details

Programing	Turnkey	Interface	SWI
OS	Turnkey	Interface speed	500kbps
Memory	512 Bit	Package	TSNP 6-9
Cryptography	ECC131	Size	1.5 x 1.1 mm

### More information:

<https://www.infineon.com/optiga-trust-b>

Contact your local Infineon sales or technical representative for more information and support



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