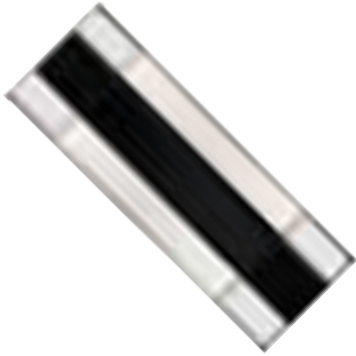


TouchChip[®] TCS4K Sensor

USB Silicon Fingerprint Sensor



KEY FEATURES

- USB 2.0 full speed host and EEPROM interface
- Highly durable black SteelCoat coating
- Highly integrated design enables low bill of materials cost
- Internal current limiter, voltage regulator and USB clock generator
- Multiple battery-friendly operating modes
- BGA package

PRODUCT DESCRIPTION

The TCS4K is an enterprise-friendly solution for USB device makers looking to add fingerprint authentication. It delivers a wide imaging area, and standards-compatible minutia matching in a power efficient implementation. The TCS4K's wide form factor supports applications requiring excellent usability and accuracy in a cost-effective solution. The minutia matching algorithm includes support for ISO 19794-2 & ANSI/INCITS 378 compatible minutia templates. The solution also supports additional security features including image data signing and encryption and anti-spoofing.

ABOUT CROSSMATCH

Crossmatch helps organizations solve their identity management challenges through biometrics. We empower governments, law enforcement agencies, banks, retailers and other enterprises to mitigate risk, drive productivity and improve service levels. Our solutions are built on consultative expertise, refined best practices and the application of advanced biometrics technologies. Crossmatch understands the forces of change in the markets we serve and we develop solutions that anticipate customer requirements. Our network of consultative and technical service experts collaborate with customers in more than 80 countries worldwide.

Learn more at www.crossmatch.com

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SPECIFICATIONS

Touch Control Conveniences	<ul style="list-style-type: none">• Password replacement• Scroll wheel & rocker switch emulation• Quick application launch• Fast user switching• One-Time Password (OTP) (with optional TCD58 Companion Processor)
Low Power	<ul style="list-style-type: none">• USB low power device supports selected suspend• Low power consumption for navigation and finger detection
Durability	<ul style="list-style-type: none">• Surface coating is highly resilient, withstanding more than 20 million rubs
Robust Software Application Support	<ul style="list-style-type: none">• Multi-factor authentication – tokens, smart cards, etc.• Broad operating system support including : Windows®, Linux®, Win CE, Mac OS®, Android® and others (may require use of TCD58 companion processor)
<i>Data subject to change without notice</i>	

SUPERIOR TECHNOLOGY

- Advanced technology provides the most accurate fingerprint image
- Minutia matching supports different swipe angles
- Anti-spoofing protection
- User navigation features

EASY TO USE

- Able to read a wide range of fingerprints
- Fast swipe speeds
- Rapid response from sleep/suspend states

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