3 factor biometric security...with the convenience of a passive prox!

PCSC

personal biometric ID
BIO*tag*

A beautifully engineered, personal, biometric access control fob offering a superb balance between security and practical use!

- Custom, twin NFC chips for complete coverage of available encryption protocols.
  HID, Mifare, Desfire,
  EM, Prox, HID iClass, Hitag,
  Sony, DesFire, Credit or Debit card,
  all NFC (Near Field Communication)
  Payment etc

- Biometric 'swipe' array for fast, positive ID

- Designed to fit easily into your hand and pocket

- 'Built in' slot for attachment to keyring or lanyard

- User controlled, customised security...with the choice of 'passive' and 'active' biometric identity on the one card!

- Biotag compliments the most sophisticated security systems

- Power efficient with Micro USB charging port

- Tri-colur LED for excellent user feedback

3 Factor Biometric Security

The new MicroLatch 'Biotag' is an extremely convenient, cost effective, 3 factor, personal on-board biometric access 'tag' available today.

A complete 'all in one' individual identity management tool built for personal use for total security coverage.

Designed to maximise the user experience whilst providing scalable security where and as required.

The new MicroLatch 'Biotag' is perfect for those wishishing to protect 'high worth' assets whilst minimising security risk.

personal biometric **ID**

BIOtag

PRODUCT SPECIFICATIONS

Microlatch™ Biotag™ Personal Remote Access Card + Fingerprint Reader

Operating VoltageCharging Voltage	3.7 – 6VDC
Charging Voltage	9 – 12VDC 200mA min Input
Battery Type	LIR2430 Re-chargeable Lithium cell
Current consumption	80 mA imaging @ 9VDC
	0 mA standby
Low Battery Warning (Red LED)	4.5VDC
Fingerprint Templates	1 to 10
Operation Cycle	Sub second
Integrated Card Options	Optional internal card or multiple cards, *Mifare, EM, Prox, HID iClass, Hitag, Sony, DesFire, Credit or Debit card, all NFC (Near Field Communication) Payment etc.*
Card operating time	User selectable, 1 minute through 60 minutes
Recharge connection type	Micro-USB, compatible with all mobile phone micro-USB
Internal Security	Internally stand-alone encrypted database and memory separation of fingerprint data with epoxy protection
Number of Users	Up to 10 Fingerprint Templates Built-in Storage
Operating Range	Reader dependant, 4 inches, 10 cm typical
Sensor Type*	Touchchip™ CMOS Active Capacitive Pixel Sensing
Touchchip™ sensor life	* 1 Million + reads
Image Resolution*	500dpi
Array Size*	256 x 360 pixels
Active Array Area*	12.8 x 18.0 mm
ESD Protection*	IEC 61000-4-2 Level 4 +/- 15kV
False Accept Rate*	0.01%
False Reject Rate*	1%
Operating temperature	-15 deg C to 50 deg C
Case Dimensions	56mm (L) x 38mm (W) x 12.2mm (D)
Case Construction	Polycarbonate and chrome
Weight	40 grams (1.3 oz) approx.
Safety	EMC Tested and Approved. CE, FCC and C-Tick Compliant. Complies with AS/NZS 4268:2003, AS/NZS 4251.1:1999

Specifications are accurate at time of publication and subject to change without notice. *Data: ST Microelectronics.

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