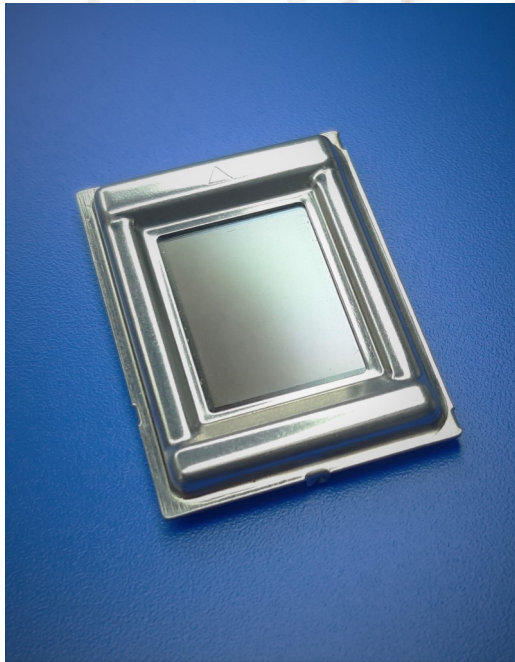


S10G

Capacitive Fingerprint Sensor—FAP



10 Compliant

Our fingerprint sensor S10G is able to offer the most competitive price as well as the best image quality, is now coming to the market.

S10G is a new type of high quality capacitance fingerprint sensor. The capture area is designed to meet FAPI0 specification, which can acquire a full fingerprint image at one touch.

S10G deliver 508dpi, high quality image that can score I (excellent) in NFIQ score (NIST Fingerprint Image Quality) for most of the scanned fingerprint images and can meet PIV biometrics specifications. It provides SPI Interface to communicate with the host system. The module is designed for integration into custom products including readers, notebooks, tablets, POS, locks etc.

Model	S10G
Type	Capacitive
Resolution	256x360 @ 508 dpi
Capture Area	12.8mmx18mm
View Area	13.6mmx19.0mm
Pixel Area	50μm x 50μm
Scan Rate	>2 frames/sec
Operating Temperature	-10°C to 55°C
Input Voltage	3.3V
Protection	Coating
Hardness	8H
Category	FAP 10
Interface	SPI
ESD Protection	>Level 3 (Level 4 in 2020Q1)

- Demo kits available upon request
- Development Kits with window based source code available upon request



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