



## Features



508 dpi Resolution

Low-Halogen

RCA 200 cycle

7H Hardness

Cross-cut Test 5B

High Speed SPI

## Fields of Application

Smart Home

IoT Application

Door locks

Laptop locks

## What Can We Do

*Sensors and Modules customized*

*Turnkey Solution*

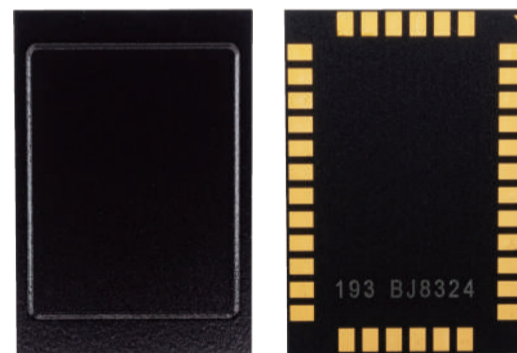
*ASIC / ODM*

## Fabulous Fingerprint Identification

SF519 is a fingerprint sensor based on capacitive sensing technology, with hardened surfaces and strengthened ESD. The build-in circuitries minimize external components quantity, and iMD's special core technology also enhance signal-detecting sensitivity to get better quality of image.

SF519 is one of approach before design-in FAP 10 sensor (or above), especially applicant in smart home, IoT and locks. Besides, it is not affected with the floodlight, dry or wet fingers.

*For more details, please contact us and we will feedback you soon, thank you.*



## SPECIFICATIONS

Pixel Size	192 × 256
Sensing area	9.6 × 12.8 mm
Module/Package Size	12 × 17.5 × 1.0 mm
Supply voltag = 3.3V with 10% variationse	2.6 - 3.6 V
Total Supply Current	8.8 mA
Standby Current	2.1 mA
Sleep Current	NA
Operating temperature	-20 to 70°C / -4 to 158°F
Storage Temperature	-40 to 85°C / -40 to 185°F
FPS	19/sec
ESD Tolerance Air-discharge	±15 KV
Conatact-discharge	NA

