

# SF108AK

Best Solution of  
Fingerprint Identification

## Features



- 508 dpi Resolution
- IEC 61000-4-2
- Low-Halogen
- High EDS Tolerance
- High Speed SPI
- Low Power Consumption

## Fields of Application

- Contactless Payments
- Access control system
- IoT Application
- Door locks

## What Can We Do

Sensors and Modules customized

Turnkey Solution

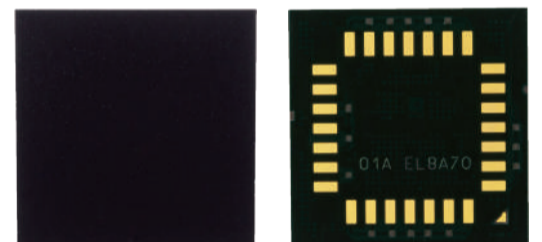
ASIC / ODM

## Fabulous Fingerprint Identification

SF108AK 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.

SF108AK is one of approach for IoT, access control, and contactless payments. It is easy to embed in cards to secure end-users property, and avoiding the risk of forgery or fraudulent charge.

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



## SPECIFICATIONS

Pixel Size	160 x 160
Sensing area	8 x 8 mm
Module/Package Size	12.2 x 12.2 x 0.7 mm
Supply voltag = 3.3V with 10% variationse	3.0 - 3.6 V
Total Supply Current	5.5 mA
Standby Current	1.5 mA
Sleep Current	1 $\mu$ A
Operating temperature	-20 to 70°C / -4 to 158°F
Storage Temperature	-40 to 85°C / -40 to 185°F
FPS	27.4/sec
ESD Tolerance Air-discharge	$\pm$ 20 KV
Conatact-discharge	NA

