SF108AK

Best Solution of Fingerprint Identification

Features

RoHS ISO 9001:2015 IP67

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

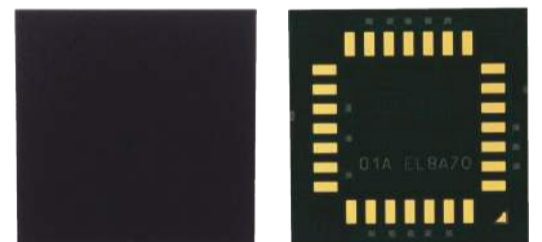*Sensors and Modules customized*

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 feedbeck you soon, thank you.

SPECIFICATIONS

Pixel Size	160 x 160
Sensing area	8 × 8 mm
Module/Package Size	12.2 × 12.2 × 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 μA
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	±20 KV
Conatact-discharge	NA

iMD Image Match Design