

#### **Features**





508 dpi Resolution

Short Read Out Time

Low-Halogen

High Sensing Capability

**Build-in ADC** 

Low Power Consumption

# **Fields of Application**

**Contactless Payments** 

Access control system

**IoT** Application

# **Fabulous Fingerprint Identification**

SF108KM is a fingerprint module 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.

SF108KM is one of approach for IoT, access control, and contactless payments. It is easy to embed in divices 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	
Sensing area	
Module/Package Size	
Supply voltag = 3.3V with 10% variationse	
Total Supply Current	

160 x 160 8 × 8 mm 15.8 × 14.5 × 3.25 mm 2.8 - 3.6 V 35 mA

#### Door locks

What Can We Do

Sensors and Modules customized

**Turnkey Solution** 

ASIC / ODM

Standby Current

Sleep Current Operating temperature

Storage Temperature

FPS

ESD Tolerance Air-discharge

Conatact-discharge

18 mA

10 µA

-20 to 70°C / -4 to 158°F

-40 to 85°C / -40 to 185°F

NA

±15 KV

±8 KV



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