

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

Door locks

What Can We Do

Sensors and Modules customized

Turnkey Solution

ASIC / ODM

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 160 x 160

Sensing area 8 × 8 mm

Module/Package Size $15.8 \times 14.5 \times 3.25$ mm

Supply voltag = 3.3V with 10% variationse 2.8 - 3.6 V

Total Supply Current 35 mA

Standby Current 18 mA

Sleep Current 10 μA

Operating temperature -20 to 70°C / -4 to 158°F

Storage Temperature -40 to 85°C / -40 to 185°F

ESD Tolerance Air-discharge ±15 KV

Conatact-discharge ±8 KV





FPS

NA