SF202

Best Solution of Fingerprint Identification

Features

RoHS | ISO 9001:2015 | IP67

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

Building Security & Attendance

What Can We Do

Sensors and Modules customized
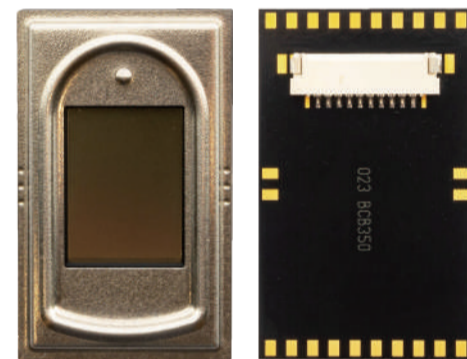
Turnkey Solution

ASIC / ODM

Fabulous Fingerprint Identification

SF202 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.

SF202 is one of approach before design-in FAP 10 sensor (or above), especially applicant in smart home, IoT and access control. Besides, it is not affected with the floodlight, dry or wet fingers.

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

SPECIFICATIONS

Pixel Size	208 × 288
Sensing area	10.4 × 14.4 mm
Module/Package Size	33.4 × 20.4 × 3.79 mm
Supply voltag = 3.3V with 10% variationse	2.6 - 3.6 V
Total Supply Current	7.3 mA
Standby Current	1.2 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	14.3/sec
ESD Tolerance Air-discharge	±8 KV
Conatact-discharge	NA