

Coating solution

特性	ICNT7152L/ICNT7152M	ICNT7183	ICNT7132L
芯片封装	LGA	LGA	LGA
封装尺寸 单位:mm	Min:7.4*8.2*0.65 Max:12*12*0.65 [Φ9-Φ12]*0.65	Min:10.4*10.4*0.65 Max:12.55*12.55*0.65	Min:5.1*9.5*0.8 Max:7.95*16*0.8
感应面积	4.4mm*5.6mm	8mm*8mm	4.4mm*5.6mm
感应阵列	88x112	160x160	88x112
表体材料	Coating	Coating	Coating
分辨率	508dpi	508dpi	508dpi
FAR	1/50000	1/50000	1/50000
FRR	<1.0%	<0.8%	<1.0%
适用整机形态	背面/正面	背面/正面	正面

Chipone's fingerprint identification program has the advantages of low power consumption, mature algorithm, full features etc.

In the power consumption aspect, operating current is less than 4mA, cold screen wake up current is 20uA. Compared to other products of the same type, it can effectively reduce overall power consumption;

Feature wise it supports fingerprint unlock, fingerprint camera, cold screen wake up, fingerprint application lock and a variety of fingerprint gestures, security payments etc.;

In the algorithms aspect, it applies whole algorithms authorized from Precise Biometrics of Sweden (or simply PB), the technology is mature, secure and reliable. It has already attracted a number of terminal and module manufacturers successfully.