

Huawei Ascend Mate 7 Fingerprint Sensor Fingerprint Cards - FPC1020

Fingerprint Cards integrates in Huawei's product the first smartphone fingerprint sensor based on capacitive sensing technology.

Huawei's technological choice for the fingerprint sensor is going to the opposite direction than Apple's and Samsung's one. The Ascend Mate 7 presents an innovative fingerprint sensor developed by Fingerprint Cards, a main actor in capacitive sensing human interface solutions for consumer electronics companies.

The technical choice of Fingerprint Cards is totally different from the other's. The fingerprint device is much more bigger and more expensive than its competitors (2.5 factor) to guarantee a better image quality. It presents a new sensing device design and structure; an innovative packaging and a different supply chain model.

The fingerprint sensor of the Ascend Mate 7 is located on the back side of the telephone and it has the dimension of 16.33x15.8 mm. The sensor is assembled on LGA packaging and incorporated within a rectangular shaped housing composed of an aluminum ring and plastic ring.

The report presents a detailed analysis of fingerprint structure and cost and a comparison with the Apple's iPhone5 and Samsung's Galaxy S5 fingerprint sensors.



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REVERSE COSTING ANALYSIS REPORT

BY



Capacitive Fingerprint Sensor

83 pages

April 2015

Pdf file & Xls file

PRICE :

Full report: EUR 2,990

Bundle 2 reports: EUR 5,400

Bundle 3 reports: EUR 7,200

COMPLETE TEARDOWN WITH:

- Detailed Photos
- Precise Measurements
- Material Analysis
- Manufacturing Process Flow
- Supply Chain description
- Manufacturing Cost Analysis
- Selling Price Estimation
- Comparison with Apple's and Samsung's fingerprints

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Please process my order for the following Reverse Costing report(s):

- Ref.: SP15212
- Ascend Mate 7 Fingerprint FPC1020 Sensor: EUR 2,990*
 - Bundle of two Fingerprint Sensors reports: Ascend Mate 7 Galaxy S5 iPhone5 EUR 5,400*
Mark the two reports of your choice
 - Bundle of three Fingerprint Sensors reports: Ascend Mate 7 + Galaxy S5 + iPhone5 EUR 7,200*

*For price in dollars please use the day's exchange rate

*All reports are delivered electronically in pdf format

*For French customer, add 20 % for VAT

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- ✓ PCB Price+ for printed circuit boards
- ✓ SYS.Cost for electronic boards and systems

Cost Simulation Tools, process flow based

- ✓ MEMS CoSim+ ✓ Power CoSim+
- ✓ LED CoSim+ ✓ TSV CoSim+ (thru silicon vias)

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