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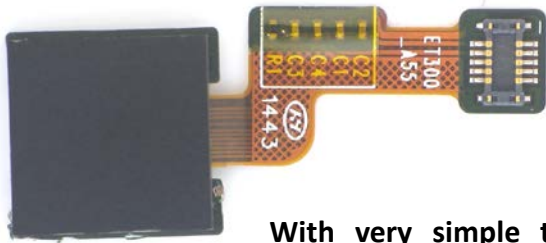
PACKAGING

SYSTEM

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EgisTec ET300 Fingerprint Sensor

*Philips integrates in its smartphone
the innovative fingerprint sensor developed by EgisTec*



After a first introduction in the Aurora i966, EgisTec integrates again its fingerprint ET300 in the Philips i999, a smartphone for the Chinese market.

With very simple technical choices concerning the technical detection design and the packaging, EgisTec offers a very competitive sensor in terms of size and manufacturing cost.

Located on the back side of the smartphone, the fingerprint sensor of the Philips i999 has dimensions of 11.6 x 11.6. It is assembled on a square LGA packaging and is protected by metal support.

The sensor has a resolution of 16,384 pixels with a pixel density of 500ppi. It uses a capacitive touch technology to take an image of the fingerprint from the subepidermal layers of the skin.

The sensor die is manufactured with CMOS 0.18 μ m technology and it is connected by mean of wire bonding to the rigid PCB.

Thanks to its design and manufacturing process, EgisTec device is very smart and cost effective in respect to the competitors.

The report includes comparisons with the latest Huawei's, Samsung's and Apple's fingerprints buttons.

Title: EgisTec ET300 Fingerprint Sensor

Pages: 89

Date: February 2016

Format: pdf + xls

PRICE:

Full report: EUR 2,990

COMPLETE TEARDOWN WITH:

- Detailed Photos
- Precise Measurements
- Material Analysis
- Manufacturing Process Flow
- Supply Chain Evaluation
- Manufacturing Cost Analysis
- Selling Price Estimation
- Comparison with Apple's, Samsung's and Huawei's fingerprint sensors

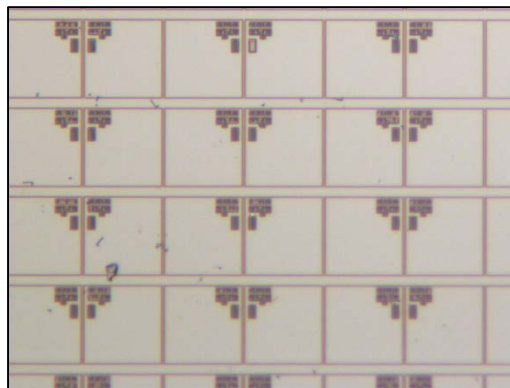
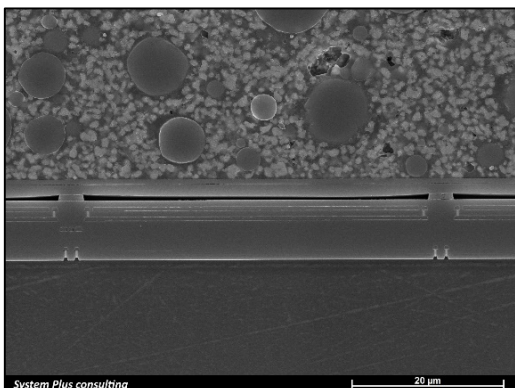


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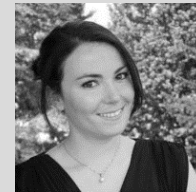
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Technology and Cost comparison with Huawei's, Apple's and Samsung's fingerprint sensors



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Le Goff

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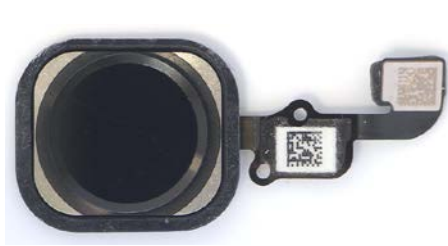
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helps to define the cost of an electronic system, including PCB, housing and connectors, assembly and test process at the board and system level.

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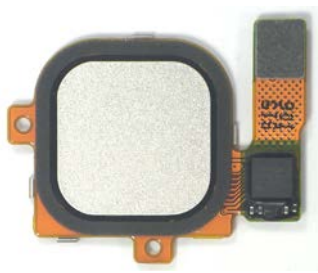
Apple proposes a new fingerprint with the same detection principle but new design, new front-end process and new back-end packaging.



Pages: 118
Date: November 2015
Full report: EUR 3,290*

Nexus 6P Fingerprint Sensor

In Google's Nexus 6P, Huawei integrates again an innovative fingerprint sensor developed by Fingerprint Cards.



Pages: 106
Date: December 2015
Full report: EUR 2,990*

Capacitive Fingerprint Sensors Patent Analysis

Will Apple and Samsung confront each other on the fingerprint sensor field? Technology and patent infringement risk analysis.



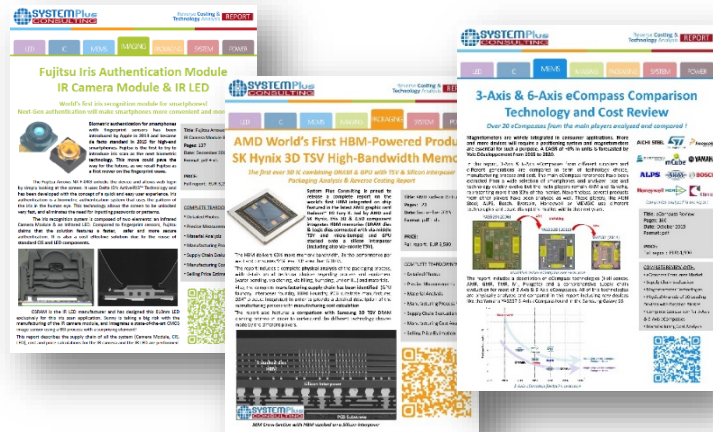
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