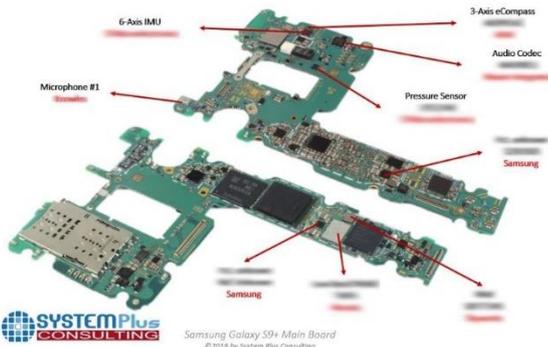


Structure Analysis

Samsung Galaxy S9+ Teardown and Identification of Key Components

Discover Samsung's key devices, advanced packaging technical choices and main suppliers



Part Name	Reference	Device type / Function	Package type	Manufacturer	Package size (mm)	Pin Count	Package type	Package size (mm)	Pin Count	Package type	Package size (mm)	Pin Count
Armp	2018-0000	Power Management	QFN	TI	4x4	28	QFN	4x4	28	QFN	4x4	28
...

Title: Samsung Galaxy S9+ Teardown
Pages: 50+
Date: March 2018
Format: PDF & Excel file
Price: EUR 1,490

COMPLETE TEARDOWN WITH:

- Smartphone teardown
- IC identification including markings, manufacturers, references, functions, package types, size and pin count
- PCB characteristics, including cross-sections and minimum line width
- Breakdown graphs

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 - ✓ Views and dimensions of the S9+
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 - ✓ PCB surface, cross section and minimum line width
 - ✓ IC package breakdown
 - ✓ IC manufacturer design wins
 - ✓ IC package footprint

Tearing down the Samsung Galaxy S9+, this report focuses in on more than 40 integrated circuits (ICs) from the main boards.

It will help you to identify the manufacturers, the packaging size, type and pitch as well as the function of the main ICs of the S9+. A physical analysis of the main substrates highlights internal structures and technologies used for the printed circuit boards (PCBs).

The report includes teardown photos, detailed package identifications and descriptions, and is accompanied by an Excel file summarizing the S9+ chipset and breaking down the devices by supplier, packages or footprint.

AUTHOR:



Benjamin Pussat has joined System Plus Consulting as a cost technician in 2017. He is in charge of reverse costing with a focus on boards and systems. He previously worked for Sercel, Sagem S&D and SEIA where he was in charge of boards test then HW and SW development. He holds a Bachelor's degree in electronics from the University of Nantes.

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