

Smartphone System on Chip Market Development Trends, 2018 and Beyond

<https://marketpublishers.com/r/S8B0E52C0FCEN.html>

Date: February 2019

Pages: 20

Price: US\$ 1,800.00 (Single User License)

ID: S8B0E52C0FCEN

Abstracts

Smartphone shipment volume amounted to 1.5 billion units in 2018, similar to 2017. Although the saturation of the smartphone market has affected the smartphone SoC (System on Chip) market, Apple, Samsung, and Huawei still managed to retain the top three positions in 2018. This report provides an overview of the smartphone and smartphone SoC markets, competitor and technological development analysis of major chipmakers - Apple, Hisilicon, and Qualcomm, and examines future trends of smartphone SoCs in 2019 and beyond.

Contents

1. INTRODUCTION

2. DEVELOPMENT OF SMARTPHONE AND SOC MARKET

- 2.1 Chinese Brands' Global Share Keeps Rising Amid Market Saturation
- 2.2 Adoption of Brands' In-house SoCs in High-end Smartphones Increasing
- 2.3 Qualcomm's Position in Mid-Range and Entry-level Smartphone SoC Markets Remains Unchallenged

3. DEVELOPMENT OF SYSTEM ON CHIP PRODUCTS AND TECHNOLOGIES

- 3.1 Apple Still Leads in Technology While Competition between Hisilicon and Qualcomm Remains Intense
- 3.2 Apple and Hisilicon Pioneer in Neural Network Computing
- 3.3 Qualcomm Remains Leader in Mid-range and Value-line Smartphone SoC Markets

4. FUTURE TRENDS OF SMARTPHONES AND CHIPS

- 4.1 5G Chips Evolving towards Faster Speed
- 4.2 5G Chip Sales May Still Under Cost Pressure
- 4.3 Key Smartphone Differentiators to Lie in Advanced Voice Assistant and Smart Management
- 4.4 Chip Design Houses Should Secure Market Positions by Partnering with IP Providers and Software Developers

5. MIC PERSPECTIVE

Appendix
Glossary of Terms

List Of Figures

LIST OF FIGURES

Figure 1 Architecture of Smartphone SoCs

Figure 2 Worldwide Smartphone Market Share by Vendor, 2016 - 2018

Figure 3 Worldwide Smartphone Shipment Share by Price Point, 2016 - 2018

Figure 4 SoCs Adopted by World's Top Three Smartphone Brands, 2016 - 2018

Figure 5 Shipment Share of Mid-range and Entry-level Smartphones Adopted with Qualcomm's Chips

Figure 6: AnTuTu Benchmark Scores of System on Chips from Apple, Hisilicon, Samsung, and Qualcomm

Figure 7 AnTuTu Benchmark, Speed, and Process Node: Qualcomm vs MediaTek

Figure 8 Advantages of Smartphones 5G Applications

Figure 9 5G Smartphones and Their Chip Supply Chains

Figure 10 Applications of AI Technology in Smartphones

Figure 11 Cooperation between Chipmakers and IP Providers/Software Developers

COMPANIES MENTIONED

Antutu

Apple

ARM

Cambricon

EllipticLabs

Hisilicon

Huawei

Intel

LG

MediaTek

Nokia

Oppo

Qualcomm

Rockchip

Samsung

SenseTime

Spreadtrum

Thundercomm

Vivo

Xiaomi
ZT

I would like to order

Product name: Smartphone System on Chip Market Development Trends, 2018 and Beyond

Product link: <https://marketpublishers.com/r/S8B0E52C0FCEN.html>

Price: US\$ 1,800.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/S8B0E52C0FCEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970