

Competitive and Cooperative Strategies of RF Front-End Vendors in Emerging Communications Market

<https://marketpublishers.com/r/C9F7DE3AB8BEN.html>

Date: July 2019

Pages: 25

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

ID: C9F7DE3AB8BEN

Abstracts

As a key component in wireless communications, the RF (Radio Frequency) front-end module allows simultaneous transmission and reception of wireless signal. The RF front-end module market is currently dominated by Broadcom, Skyworks, and Qorvo which possess important design and process technologies. This report reviews these three brands' business operations and analyzes their cooperative and competitive strategies for the 5G phone, national defense, and Wi-Fi (Wireless Fidelity) 6 markets.

Contents

1. ARCHITECTURE OF RF PRODUCTS

1.1 Cost Structure of Components

1.1.1 Filter

1.1.2 PA (Power Amplifier)

1.1.3 Other Components

2. BUSINESS OPERATIONS OF MAJOR RF FRONT-END VENDORS

2.1 Business Scale: Broadcom is Ten Times Bigger than Skyworks and Qorvo in Value

2.2 Revenue Performance: Broadcom Tops, Followed by Skyworks, and Qorvo

2.3 Key Customers: Apple as Biggest Customer for Big

2.4 Technological Development: Broadcom Has Core Processor Capabilities, Qorvo Steps Up Investment in High-end Market

3. STRATEGIES OF BROADCOM, SKYWORKS, AND QORVO FOR THE RF FRONT-END MARKET

3.1 5G Smartphone Market

3.1.1 Skyworks Secures Partnerships While Qorvo and Broadcom Still Working on It

3.1.2 5G RF Modules Will be Highly Integrated

3.1.3 Power System and Heat Dissipation are Major Challenges

3.2 National Defense

3.2.1 Qorvo Leads in GaN Technology

3.2.2 Skyworks and Broadcom Yet to Develop Technology for the Defense Market

3.3 WiFi

3.3.1 5GHz and MU-MIMO are the Next Big Things in Wi-Fi

3.3.2 Broadcom Teams up with Skyworks While Qorvo with Qualcomm

3.3.3 Next-gen Wi-Fi Products Used in Smartphones, Homes, and Industrial Applications

4.MIC PERSPECTIVE

Appendix

Glossary of Terms

List of Companies

List Of Tables

LIST OF TABLES

Table 1 Details of Sky5 5G Phones

Table 2 Details of Qorvo's 5G Phones

Table 3 Details of Qorvo's Defense Products

Table 4 Wi-Fi 6 Chips Developed by Broadcom and Qualcomm and Integrated with RF Modules

List Of Figures

LIST OF FIGURES

Figure 1 Structure of Wireless Communications System

Figure 2 Company Value of Broadcom, Skyworks, and Qorvo, 2015 - 2018

Figure 3 Sales Revenue of Broadcom, Skyworks, and Qorvo, 2015 - 2018

Figure 4 R&D Spending of Broadcom, Skyworks, and Qorvo as Percentage of Total Revenue, 2015 - 2018

Figure 5 Worldwide Smartphone Shipment Volume, 2015 - 2021

I would like to order

Product name: Competitive and Cooperative Strategies of RF Front-End Vendors in Emerging Communications Market

Product link: <https://marketpublishers.com/r/C9F7DE3AB8BEN.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/C9F7DE3AB8BEN.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

