

The Impact of China-US Trade Fight and Huawei and ZTE Bans on the Global Communications Equipment Supply Chain

<https://marketpublishers.com/r/ID35DE5C83AEN.html>

Date: August 2019

Pages: 64

Price: US\$ 4,800.00 (Single User License)

ID: ID35DE5C83AEN

Abstracts

To keep his campaign promise, Trump signed an executive memorandum to impose higher tariffs on Chinese goods imported into the United States in March 2018, involving large amounts and plenty of goods. In the first two rounds of tariffs, the US has imposed duties on a total of US\$50 billion worth of Chinese goods, including semiconductor ICs, car parts, machinery, and equipment, including servers. And smartphones are likely to be on the list. The U.S. Department of Commerce imposed a denial order against ZTE on April 16, 2018, banning American businesses or individuals from selling high-tech components and technologies to the Chinese telecom equipment maker. Despite the ban has been expanded to Huawei, the G20 Summit seems to help ratchet down the trade fight between the US and China. This report provides a description of how this all began, a whole picture of these bans and tariffs, and how these have affected the global IT industry, especially in the communications sector; looks at some of the possible consequences if the fight continues.

Contents

1. PREFACE

- 1.1 Background
- 1.2 Scope of Impact
 - 1.1.1 IT and Telecom Industries
 - 1.1.2 Brands and OEM/ODMs Export Goods from China to the United States

2. TAIWANESE COMMUNICATIONS PRODUCTS MANUFACTURED IN CHINA

- 2.1 Smartphone Industry
 - 2.2.1 Production Value
 - 2.2.2 Major Clients
- 2.3 Wireless Broadband Equipment Industry
 - 2.3.1 Production Value
 - 2.3.2 Major Clients
- 2.4 Fixed Broadband Equipment Industry
 - 2.4.1 Production Value
 - 2.4.2 Major Clients

3. THE POSSIBLE IMPACT ON THE INDUSTRY

- 3.1 Smartphone Industry
 - 3.1.1 Export Value
 - 3.1.2 Stakeholder Analysis
- 3.2 Wireless Broadband Equipment Industry
 - 3.2.1 Export Value
 - 3.2.2 Stakeholder Analysis
- 3.3 Fixed Broadband Equipment Industry
 - 3.3.1 Export Value
 - 3.3.2 Stakeholder Analysis

4. MIC PERSPECTIVE

5. PREFACE

6. IMPLICATIONS FOR THE ZTE SUPPLY CHAIN

6.1 Application Processor and Wireless Communication Chip

6.1.1 The Current Market

6.1.2 Possible Places to Transfer the Orders

6.2 Radio Frequency Component

6.2.1 The Current Market

6.2.2 Possible Places to Transfer the Orders

6.3 Operating System

6.3.1 The Current Market

6.3.2 Possible Places to Transfer the Orders

7. IMPLICATIONS FOR ZTE'S 5G AMBITIONS

7.1 The Denial Order Seeks to Stifle ZTE's Development Momentum by Barring the Use of American Software and Hardware

7.1.1 The Incapability to Conduct Independent R&D for Core Chips and Components Has Become a Major Issue

7.1.2 The U.S. is Determined to Cripple China's 5G Development, and the Shots are Being Fired at ZTE

8. MIC PERSPECTIVE

9. PREFACE

9.1 iPhone Likely to Become a Bargaining Chip in US-China Trade War

10. IMPACT ANALYSIS

10.1 iPhone Accounts for over 42% of the Smartphone Imports in the United States

10.2 Impact on Supply Chain

11. COUNTERMEASURES

11.1 Short-term Strategy: Adjust Existing Capacity to Increase Production in Taiwan

11.2 Mid-to Long-Term Strategy: Increase Production Share in South/Southeast Asia

12. MIC PERSPECTIVE

13. PREFACE

13.1 Conflict Intensifies as Neither Side Willing to Make Concessions

14. DEVELOPMENT OF US AND CHINESE SERVER INDUSTRIES

14.1 US Dominance Challenged by China

14.2 China's Spy Chip Incidents Ignites Network Security Concerns Worldwide

15. IMPACT ON TAIWAN'S SERVER INDUSTRY

15.1 Less Impact on Taiwanese Server Industry Chain

15.2 Greater Impact on Server Industry from Network Security Concerns; Some Vendors Move Production Lines out of China

16. MIC PERSPECTIVE

16.1 US-China Relations Remain Tense in Near Future

16.2 Limited Impact on Server Industry

16.3 Chinese Spy Chip Scandal Speeds up Moving Production Lines outside China

17. HUAWEI NETWORK EQUIPMENT BANNED BY SEVERAL COUNTRIES AND TELECOMS

18. MAIN REASONS BEHIND LACK OF TRUST IN CHINESE ENTERPRISES

18.1 Huawei's Global Expansion Backed by Government

18.2 Chinese Enterprises' Difficulty in Maintaining Independence under China's Legal System

18.2.1 Chinese Government's Increased Control over Chinese Enterprises

18.2.2 Chinese Government's Legitimate Rights to Conduct Intelligence through Enterprises

19. HUAWEI DEFENDS EQUIPMENT SECURITY

19.1 Huawei Asserts Ability to Manage its Security and Keep Independence from the Government

19.2 Huawei Proposes Security Improvement Measurements to Win Trust of Western Countries

20. MOST ENTERPRISE CUSTOMERS STILL HOLD ON TO HUAWEI EQUIPMENT

20.1 Huawei's Biggest Loss in the Asia Pacific is the Loss of Market Share in Japan

20.2 Huawei's Market Share in Europe Remains Unaffected Except BT

20.2.1 Other European Operators Still Cooperate with Huawei

20.2.2 Germany Government Has Security Concerns about Huawei's Technology but Not Telecom Operators

20.2.3 Huawei's 5G Product Advantages Make it Difficult for Telecom Operators to Give Up Easily

21. POLITICAL RISKS THAT HUAWEI MAY HAVE TO ENCOUNTER IN THE FUTURE

21.1 Huawei Continues to Face Political Risks in the Future

21.2 Governments and Operators of All Countries Have High Possibility of Expanding the Blockade

21.3 ZTE Should Be Worried About the US Government Bans on All China-made Products

22. MIC PERSPECTIVE

22.1 The Impact on Huawei's Brand Image is Greater than on Its Revenues

23. G20 SUMMIT

23.1 G2's Announcements in G20 Summit

23.2 US Tech Companies Sidestep Trump's Huawei Ban

24. SHORT-, MEDIUM-, AND LONG-TERM DEVELOPMENT TRENDS

24.1 Short-term Development: Situation Seems to Get Better

24.2 Medium-term Development: To Strengthen Ties with Non-US Suppliers

24.3 Long-term Development: To Construct Homegrown Industry Chain

25. IMPACT ON THE INDUSTRY

26. MIC PERSPECTIVE

26.1 Seek Opportunities Stemming from US Companies

26.2 Help China Bridge the Gap in the Industry Supply Chain

26.3 Diversify Supply Chain to Reduce Risks

APPENDIX

Glossary of Terms

LIST OF COMPANIES

Airoha Technology
Alcatel
Alibaba
Altice
Amazon
Apple
ARM
ASE
AT&T
AutoNavi
Baidu
Beijing Changjiu Logistics
Beijing Hyundai
Best Buy
Bloomberg
BMW
Bouygues Telecom
British Telecom
Broadcom
BT
Catcher Technology
CNBC. Coke Cola
Compeq
Delta
Der Spiegel
Deutsche Telekom
Flexium Interconnect
Foxconn
Futurewei Technologies
Genius Electronic Optical
GIS

HiSilicon
HPE
HTC
Huawei. IBM. Infineon
Inspur
Inventec
KDDI
KINSUS
KT
KY
KYEC
Largan Precision
Lenovo
LG
Maxscend Microelectronics
MediaTek
Merry
Mitac
Motorola
Murata
NTT
NTT Docomo
OPPO
Optus
Orange
Panasonic
Pegatron
Play
Qorvo
Qualcomm
Quanta
Reuters
Samsung
Simplo
Sina
SKT
SkyCom
Skyworks
SoftBank

Sony
Spark
SPIL
Stiftung Neue Verantwortung
Sugon
Taiyo Yuden
TCL
TDK
TDK EPCOS
Telefonica Dialog
Telefonica Deutschland
Telefonica O2
Tencent
Three
TI
TIM
Tizen
TPK
Tsinghua Unigroup
TSMC
Unigroup Spreadtrum RDA
United States Census Bureau
Verizon
VIVO
Vodafone
Vodafone Hutchison Australia
Walsin Technology
WIN Semiconductors
Wingtech
Winnebago
Wistron
Xiaomi
Zhen Ding
ZTE

List Of Tables

LIST OF TABLES

Table 1 Tariffs and Prices of iPhone X in Different Countries

Table 2 Impact of US-China Trade War on Apple's Taiwanese Partners

Table 3 Analysis of EMS Providers' Production Sites

Table 4 Major US Trading Partners in 2017

Table 5 Bans on Huawei Equipment Worldwide

I would like to order

Product name: The Impact of China-US Trade Fight and Huawei and ZTE Bans on the Global Communications Equipment Supply Chain

Product link: <https://marketpublishers.com/r/ID35DE5C83AEN.html>

Price: US\$ 4,800.00 (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/ID35DE5C83AEN.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

