

# Japanese Semiconductor Manufacturing Industry Development and Strategies of Key Players

<https://marketpublishers.com/r/JE397FCA2F5EN.html>

Date: August 2019

Pages: 29

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

ID: JE397FCA2F5EN

## Abstracts

The Japanese semiconductor industry, which previously operated under the IDM (Integrated Device Manufacturer) model, not only was a leader in Asia, but also had a unprecedented role in the world. After many years passed, Japan was too slow to adjust to structural changes in the industry, causing it to gradually lose its edge. This report covers the current status and future development of the industry as it gears itself towards new application markets such as autonomous vehicles and explores strategies of key players, including Toshiba, Panasonic, Fujitsu, Renesas Electronics, and Sony.

## Contents

### 1.INDUSTRY STATUS

1.1 Toshiba is the Only Japan's Semiconductor Brand Left on Top 10 Player List

### 2. DEVELOPMENT OF JAPAN'S KEY PLAYERS

#### 2.1 Toshiba

- 2.1.1 Japan's No. 1 Semiconductor Manufacturer, Ranked 8th in the World
- 2.1.2 NAND Flash is Toshiba's Main Semiconductor Revenue Source
- 2.1.3 Toshiba Memory Corporation (TMC) Spun off to Fix Accounting Issues

#### 2.2 Panasonic

- 2.2.1 Missed Market Changes, Poor Operations, No Longer a Top-ranked Company
- 2.2.2 Tightening Belts to Focus on Sensors

#### 2.3 Fujitsu

- 2.3.1 Ranked 20th in the World, with no Standout Products
- 2.3.2 Semiconductor Business Split up to Build Relationships with Other

#### Manufacturers

2.3.3 After Restructuring Fails to Fix Performance, Fujitsu Will Eventually Sell its Semiconductor Business and Move Towards a Fabless Model

- 2.3.4 Fujitsu is Going Almost Fabless, and will Focus on Next-Gen Memory

#### 2.4 Renesas Electronics

2.4.1 Renesas has Turned to Outsourced Production as Japan's Plant Utilization Rate Has Continued to Decline

2.4.2 Organizational Reforms, Reshaped Product Lines, and a Focus on Emerging Market Segments

- 2.4.3 Accelerated Foreign M&A Activity to Increase Efficiency

#### 2.5 Sony

2.5.1 Sony Spins off Semiconductor Division, Revenue Growth Driven by CMOS Sensors

### 3. MIC PERSPECTIVE

Appendix

Glossary of Terms

List of Companies

## List Of Figures

### LIST OF FIGURES

- Figure 1: Top 10 Global Semiconductor Manufacturers in 2010 vs. 2018
- Figure 2: Global Comparison of NAND Flash Manufacturing Processes
- Figure 3 Global Market Share of Major NAND Flash Manufacturers
- Figure 4 Panasonic's Semiconductor Reorganization Strategy 2013-2018
- Figure 5 Semiconductor Plants Currently Owned by Fujitsu
- Figure 6. Semiconductor Plants Owned by Renesas, 2012-present
- Figure 7 Capacity Utilization of Renesas' Wafer Fabs in Japan
- Figure 8 Renesas Income by Business Segment
- Figure 9 Renesas' Strategy by Product Category and Application Field
- Figure 10 Renesas' M&A Entry Strategy for Emerging Applications
- Figure 11 Sony's Semiconductor Income Distribution, 2015-2018
- Figure 12 Distribution of Sony's Main CMOS Imaging Sensor Factories

### LIST OF TOPICS

Development of the Japanese semiconductor brands in the global industry and includes top 10 shipment volume ranking in 2018

Development of major Japanese players, including Toshiba, Panasonic, Fujitsu, Renesas Electronics, and Sony, and touching on their advantages and disadvantages as well as their market and product strategies.

### LIST OF COMPANIES

Aizu Fujitsu Semiconductor Wafer Solution Ltd.  
Amkor  
Apple  
ArchiTek  
ASE  
Bain Capital  
Broadcom  
Foxconn  
Fujitsu  
Huawei  
Hynix  
IDT

Intel  
Intersil  
J-Device  
Matsushita Electric Industrial Co.  
Ltd  
Micron  
Mie Fujitsu Semiconductor  
NEC Electronics  
NVidia  
OmniVision  
ON Semiconductor  
Panasonic  
Qualcomm  
Renesas  
Samsung  
SanDisk  
SK Hynix  
Socionext  
Sony  
Sony Energy Devices  
Sony Semiconductor Solutions  
Sony Storage Media and Devices  
Spansion  
ST  
TI  
TMC  
Toshiba  
TowerJazz  
Toyota Industries Corporation  
TSMC  
UMC  
UTAC  
WD  
Westinghouse Electric  
Xiaomi  
ZMD

## I would like to order

Product name: Japanese Semiconductor Manufacturing Industry Development and Strategies of Key Players

Product link: <https://marketpublishers.com/r/JE397FCA2F5EN.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](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/JE397FCA2F5EN.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

