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# Semiconductor Competitive Landscape (CLT) Spotlight Service

## **Part of the Semiconductor Market Service Area Package**

Competitive analysis of the worldwide semiconductor market by company, product category, market application and region

“ The most comprehensive semiconductor market share service in the industry. ”

**Cliff Leimbach**  
Senior Analyst

# Semiconductor Competitive Landscape (CLT) Spotlight Service

Part of the Semiconductor Market Service Area Package

## How Omdia Helps You

- Understand the semiconductor landscape and a company's individual performance and ranking
- Which emerging company could develop into a strong competitor
- Identify strategic partnerships to mitigate risk
- Benchmark competition

## Key Questions Addressed

- What is the overall size of the semiconductor market?
- Who controls which market segments?
- What technology is growing?
- Regional semiconductor consumption?
- What are a company's technology and market application strengths?
- View market by company headquarter location?

## Top Ten Semiconductor Company Ranking (\$MUSD)

2020 Rank	2021 Rank	Company Name	2020 Revenue(\$)	2021 Revenue(\$)	Revenue Percent Change	Revenue Percent of Total	Revenue Cumulative Percent
1	1	Intel	76,240	76,569	0.4%	12.9%	12.9%
2	2	Samsung Electronics	56,912	75,208	32.1%	12.7%	25.6%
3	3	SK Hynix	26,522	36,778	38.7%	6.2%	31.8%
5	4	Qualcomm	19,407	29,333	51.1%	5.0%	36.8%
4	5	Micron Technology	22,229	29,019	30.5%	4.9%	41.7%
6	6	Broadcom Limited	18,040	21,041	16.6%	3.6%	45.2%
8	7	NVIDIA	13,035	20,566	57.8%	3.5%	48.7%
10	8	MediaTek	11,142	17,464	56.7%	2.9%	51.7%
7	9	Texas Instruments	14,142	17,101	20.9%	2.9%	54.5%
13	10	Advanced Micro Devices (AMD)	9,635	16,154	67.7%	2.7%	57.3%
<b>Top 10 Companies</b>			<b>267,304</b>	<b>339,233</b>	<b>26.9%</b>	<b>57.3%</b>	
<b>All Others</b>			<b>207,312</b>	<b>253,044</b>	<b>22.1%</b>	<b>42.7%</b>	
<b>Total Semiconductor</b>			<b>474,616</b>	<b>592,277</b>	<b>24.8%</b>	<b>100.0%</b>	

# Semiconductor Markets: Our Expert Analysts



**Cliff Leimbach**  
Senior Research  
Analyst



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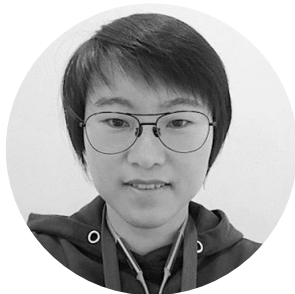
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# Semiconductor Competitive Landscape (CLT): Deliverables



## ANALYTICAL DATABASE TOOL

—Ongoing—

Tailored views of semiconductor market share data. Historic (from 2002) delivered in Excel and in TRAX®, an online analysis tool.



## MARKET INSIGHTS

—Ongoing—

Frequent analyst commentary on market news and events impacting the semiconductor industry.



## ANALYST ACCESS

—Ongoing—

For prompt responses to urgent and unique questions supported by 25 analysts.

# Semiconductor Competitive Landscape (CLT): Market Data

## Supplier competitive analysis of 248 companies

**Frequency:** Quarterly

Provides graphical, customizable display of market share revenue for a selected company including analysis by application market, semiconductor segment and region

## Semiconductor data for 6 application markets

**Frequency:** Quarterly

Ranks companies by application market and the individual company's market strength based on revenue.

## Semiconductor device technologies

**Frequency:** Quarterly

Includes 6 main device technologies and 142 sub-device categories of data for comprehensive company and market analysis

## Major M&A activity

**Frequency:** Quarterly

All major mergers & acquisitions, business sales and transfers, spinouts and joint ventures, and private ownership changes.

## Continually evaluating semiconductor market landscape

Continued evaluation of emerging semiconductor companies expanding total number of companies included in the data base.

# Semiconductor Competitive Landscape (CLT): Research Coverage

## THREE DIFFERENT DATABASES

### Quarterly version

- 54 semiconductor segments
- 124 companies
- 6 application markets
- Quarterly
- Worldwide with regional split for “Total semiconductor”

### Regional version

- 43 semiconductor segments
- 248 companies
- 6 application markets
- Full year
- Worldwide, Americas, Japan, Asia-Pacific, EMEA

### Annual version

- 142 semiconductor segments
- 248 companies
- 6 application markets
- Full year
- Worldwide with regional split for “Total semiconductor”

## DETAIL

- Company
- Semiconductor component
- Device Sub-device
- Region
- Application market
- Fabless, IDM, Fabless IDM
- Headquarter

## APPLICATION MARKETS

- Data processing
- Wired communications
- Wireless communications
- Consumer electronics
- Automotive electronics
- Industrial electronics

## REGIONS

- Worldwide
- Americas
- EMEA
- Japan
- Asia-Pacific (China/Hong Kong, South Korea, region of Taiwan, Singapore/ Malaysia, India, Rest of Asia-Pacific)

# Semiconductor Competitive Landscape (CLT): Research Coverage

## SEMICONDUCTOR SEGMENTS (142 DEVICES/ SUBDEVICES)

### Memory IC

- DRAM
- SRAM
- Flash memory (NAND, NOR)
- Other non-volatile memory
- Other memory

### Microcomponent IC

- Microprocessor (general purpose, application specific)
- Microcontroller (4-bit, 8-bit, 16 bit, 32-bit)
- Digital Signal Processor (DSP ASSP, DSP ASIC, multipurpose & other DSP)

### Logic IC

- General purpose logic (standard logic, display drivers, PLD)
- Logic application specific IC (logic ASSP, logic ASIC)

### Analog IC

- General purpose analog (amplifier/comparator, voltage regulator/reference, data converters, interface)
- Analog application specific IC (analog ASSP, analog ASIC)

### Discretes

- RF & microwave
- Power transistor & thyristor
- Rectifier & power diodes
- Small signal & other discretes

### Optical semiconductor

- Image sensors (CCD, CMOS)
- Laser diodes
- LEDs
- Other optical

### Sensors & actuators

## COMPANIES (248 SUPPLIERS)

- Intel
- Samsung Electronics
- Qualcomm
- SK Hynix
- Micron Technology
- Texas Instruments
- Toshiba
- Broadcom Limited
- STMicroelectronics
- MediaTek
- Renesas Electronics
- NVIDIA
- Infineon Technologies
- onsemi
- NXP
- AMD
- Sony Semiconductor
- Apple
- Western Digital
- Marvell



# Related Content: Semiconductor Market Service Area Coverage

## Service Area Package: Semiconductor Market

China Semiconductor  
Intelligence Service

Industrial Semiconductor  
Intelligence Service

OEM Semiconductor Spending  
& Design Activity Intelligence  
Service

Semiconductor Application  
Forecast AMFT Spotlight  
Service

Semiconductor Competitive  
Landscape CLT Intelligence  
Service

## About Omdia's Semiconductor Market Research

Omdia's leading semiconductor market research is provided by a highly experienced team of analysts. Many are industry veterans with deep technical background as well as hands-on market and product experience in their coverage area.

The foundation of all the coverage comes from primary research with the major semiconductor suppliers across the global industry. This insight feeds a global and regional view of the industry by technology and by application including historical and forecasted views presented through the CLT and AMFT solutions.

From this core data, the research is augmented through additional primary research to deliver China, Industrial and then an OEM spend and design activity views.

# Related Content: Semiconductor Service Area Coverage

SERVICE AREA PACKAGE			
Memory & Storage	Semiconductor Components	Semiconductor Manufacturing	Semiconductor Market
<ul style="list-style-type: none"> <li>• DRAM Memory Intelligence Service</li> <li>• Mobile &amp; Embedded Memory Intelligence Service</li> <li>• NAND Memory Intelligence Service</li> <li>• SSD &amp; HDD Storage Memory Intelligence Service</li> </ul>	<ul style="list-style-type: none"> <li>• Key Mobile Component Price Intelligence Service</li> <li>• LED Intelligence Service</li> <li>• Magnetic Sensors Report - 2019</li> <li>• MEMS &amp; Sensors for Consumer &amp; Mobile Intelligence Service</li> <li>• MEMS &amp; Sensors Intelligence Service</li> <li>• Microcontroller Market Tracker</li> <li>• Optoelectronic Components Report - 2020</li> <li>• Power Semiconductor Intelligence Service</li> <li>• Processors for Graphics &amp; Artificial Intelligence Market Tracker</li> <li>• Processors for Network Infrastructure Market Tracker</li> <li>• Processors Spotlight Service</li> <li>• System-on-Chip (SoC) Market Tracker</li> </ul>	<ul style="list-style-type: none"> <li>• Global Semiconductor Manufacturing Market Tracker</li> <li>• Pure Play Foundry Market Tracker</li> <li>• Semiconductor Silicon Demand Forecast Tool</li> </ul>	<ul style="list-style-type: none"> <li>• China Semiconductor Intelligence Service</li> <li>• Design Activity Tool</li> <li>• Industrial Semiconductor Intelligence Service</li> <li>• OEM Semiconductor Spend Tracker</li> <li>• OEM Semiconductor Spending &amp; Design Activity Intelligence Service</li> <li>• Semiconductor Application Forecast AMFT Spotlight Service</li> <li>• <b>Semiconductor Competitive Landscape CLT Spotlight Service</b></li> </ul>

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## Draw on our expertise

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- Get the most out of your subscription
- Understand more about our methodologies

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Manager*



# Get in touch!

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# Thank you

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