

# Processors Spotlight Service

## A Spotlight Service Complementing the Semiconductor Components Service Area Package

Comprehensive collection of quantitative and qualitative insights into the rapidly evolving markets for processors

“ Processors come in several varieties, with each one having strengths that make them a key part in driving the advancement of technologies such as AI, IoT, Security, and ADAS, putting them at the heart of innovations expected to change the world. ”

**Kelson Astley**

Senior Research Analyst

# Processors Spotlight Service

Part of the Semiconductor Components Service Area Package

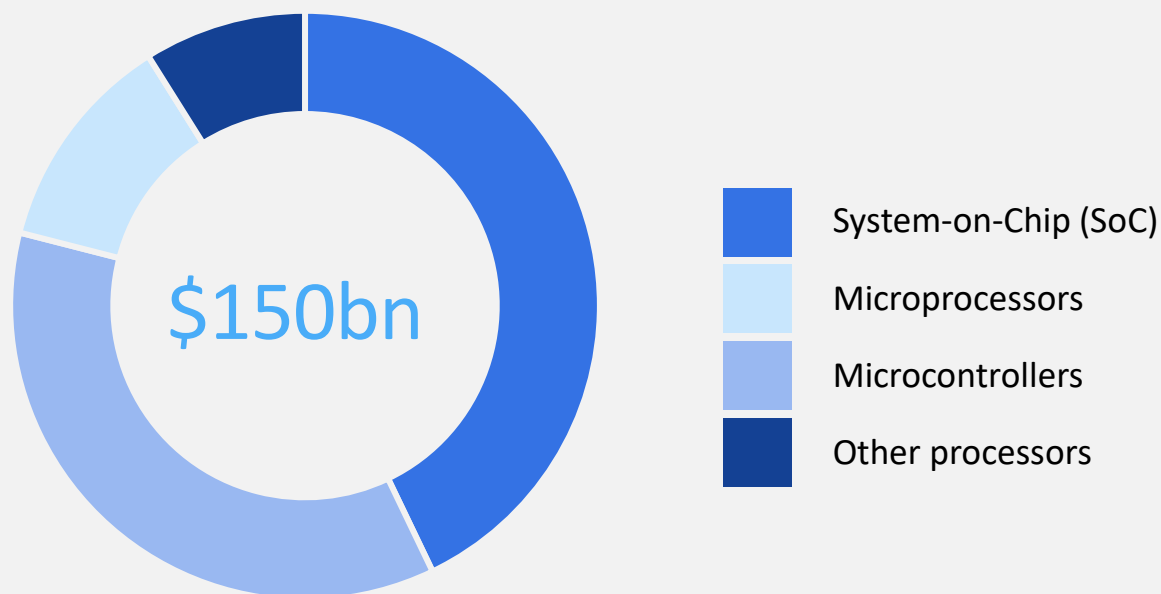
## HOW OMDIA HELPS YOU

- Understand the global processors market and your positioning within it
- Navigate the transformative technologies affecting the overall processing market
- Develop research and marketing strategies optimized to target volume, growth and technological acumen

## KEY QUESTIONS ADDRESSED

- What is heterogeneous processing, and why is it a fast-growing design strategy?
- What does the oncoming end to Moore’s law mean, and what is the processor industry’s reaction?
- Why are processors essential to the IoT?
- What processors are being used for AI and what makes them so special?
- What are the emerging processor technologies?

2019 Processor Revenues



Source: Omdia

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# Semiconductor Components: Our Expert Analysts



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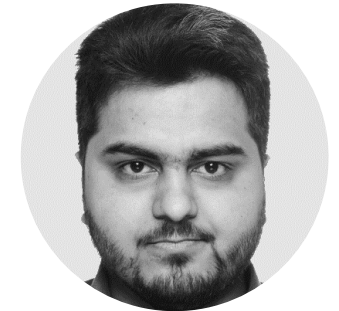
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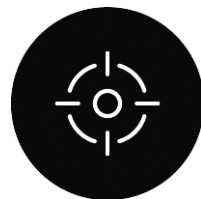


**Chee-Seng Tan**  
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Research Analyst

# Processors Spotlight Service: Deliverables



## MARKET TRACKERS

—Semi-annually—

- Microcontroller Market Tracker
- Processors for Graphics & Artificial Intelligence Market Tracker
- Processors for Network Infrastructure Market Tracker
  - System-on-Chip (SoC) Market Tracker



## MARKET INSIGHTS

—Ongoing—

Frequent analyst commentary on product launches, market news and analysis.



## PRESENTATIONS

—Quarterly—

Quarterly scheduled briefings with analysts on research highlights from all aspects of the market.



## REPORTS

—Annual—

- Microprocessor (MPU) Market Report
  - Processor Architecture Report
- Configurable Processor & Field Programmable Gate Array Report



## ANALYST ACCESS

—Ongoing—

For prompt responses to urgent and unique questions.

# Processors: Market Trackers

## Microcontroller Market Tracker

**Frequency:** Semi-annually

Offers historic and five-year revenue forecast analysis approximately a hundred applications in six vertical markets as well as top market divisions, bit-class divisions and top suppliers

## System-on-Chip (SoC) Market Tracker

**Frequency:** Semi-annually

Provides market size and growth trends analysis of the system-on-chip (SoC) market across approximately a hundred applications in six vertical markets

## Processors for Network Infrastructure Market Tracker

**Frequency:** Semi-annually

Provides embedded market sizing and forecast for high-performance processors in network infrastructure including carrier, communications and premium cloud services provider, and more

## Processors for Graphics & Artificial Intelligence Market Tracker

**Frequency:** Semi-annually

Examines graphics processing and embedded video analytics including GPUs, GPGPUs, and embedded graphics cores as solutions

# Processors: Reports

## Market Reports

Mature or topical processor market scope featuring four-year historic and five-year forecasted market sizing and growth; base year competitive landscape with market share data, delivered in Excel with formatted tables and pivot data accompanied by written analysis

- Microprocessor (MPU) Market Report – Annual (New)
- Processor Architecture Report – Annual (New)

# Research Coverage

## MEASURES

- Units
- Revenues
- Market growth
- ASP
- Market shares

## QUANTITATIVE CONTENT

- Relevant processor class details
  - Industry standard and emerging processor subclass breakouts
- Application details
  - Ranging from dozens to approximately 100 applications depending on processor type
- Regional market trends
- Technology or market channel-specific domain data
- Processor design penetration data
- Pivot data specific to the processor class
- Supplier lists

## QUALITATIVE CONTENT

- Executive summary
- Scope
  - Context
  - Continuity update (historical and forecast adjustments)
- Processor class trends
  - Technologies
  - Design
  - Features
- Processor market trends
  - Application drivers
  - Forecast risk analysis
  - Adjacent markets
- Competitive landscape
  - Market share analysis
  - Mergers and acquisitions

## VERTICAL MARKETS

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

## FEATURED TOPICS

- Heterogeneous processing and its fast-growing design strategy
- The processor industry's reaction to the end of Moore's law
- Processors essential to the IoT
- Processors for AI
- Discrete and integrated signal processing
- Edge computing
- Data center processing
- Emerging processor technologies
- Processor news as available

# Related Content: Semiconductor Components Service Area Coverage



## Service Area Package: **Semiconductor Components**

LED  
Intelligence Service

MEMS & Sensors  
Intelligence Service

Microcontroller  
Market Tracker

Power Semiconductor  
Intelligence Service

Processors for Network  
Infrastructure Market Tracker

MEMS & Sensors for Consumer &  
Mobile Intelligence Service

Optoelectronic Components  
Report

Processors for Graphics &  
Artificial Intelligence Market Tracker

System-on-Chip (SoC)  
Market Tracker

Processors Spotlight Service

## About Omdia's Semiconductor Components Research

Omdia's leading semiconductor components 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 key component areas of processors and microcontrollers, MEMS and Sensors, Power discretes and modules, Power ICs, LED and Optical components are covered across numerous device categories and applications.

Their expertise is augmented and supported by the wide array of end equipment application and demand reporting, semiconductor manufacturing tracking and forecasting and spotlight services such as the semiconductor competitive landscape tool, the application market forecast tracker, the China semiconductor intelligence service and others.



# 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>• Semiconductor Competitive Landscape CLT Spotlight Service</li> <li>• Semiconductor Forecast Scenario Tool</li> </ul>

# Our “Ask an Analyst” Service Provides Best in Class Customer Support

Whether you need guidance to navigate the service, information regarding our methodologies or you want to better understand a data trend, Omdia’s support team is here to help.

## Draw on our expertise

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

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**Tom Coate**  
Customer Success  
Manager



**Kâren Dyer**  
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### ABOUT OMDIA

Omdia is a global technology research powerhouse, established following the merger of the research division of Informa Tech (Ovum, Heavy Reading, and Tractica) and the acquired Omdia technology research portfolio\*. We combine the expertise of more than 400 analysts across the entire technology spectrum, covering 150 markets. We publish over 3,000 research reports annually, reaching more than 14,000 subscribers, and cover thousands of technology, media, and telecommunications companies.

Our exhaustive intelligence and deep technology expertise enable us to uncover actionable insights that help our customers connect the dots in today's constantly evolving technology environment and empower them to improve their businesses—today and tomorrow.

\* The majority of Omdia technology research products and solutions were acquired by Informa in August 2019 and are now part of Omdia.