



MIA

Brought to you by Informa Tech

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

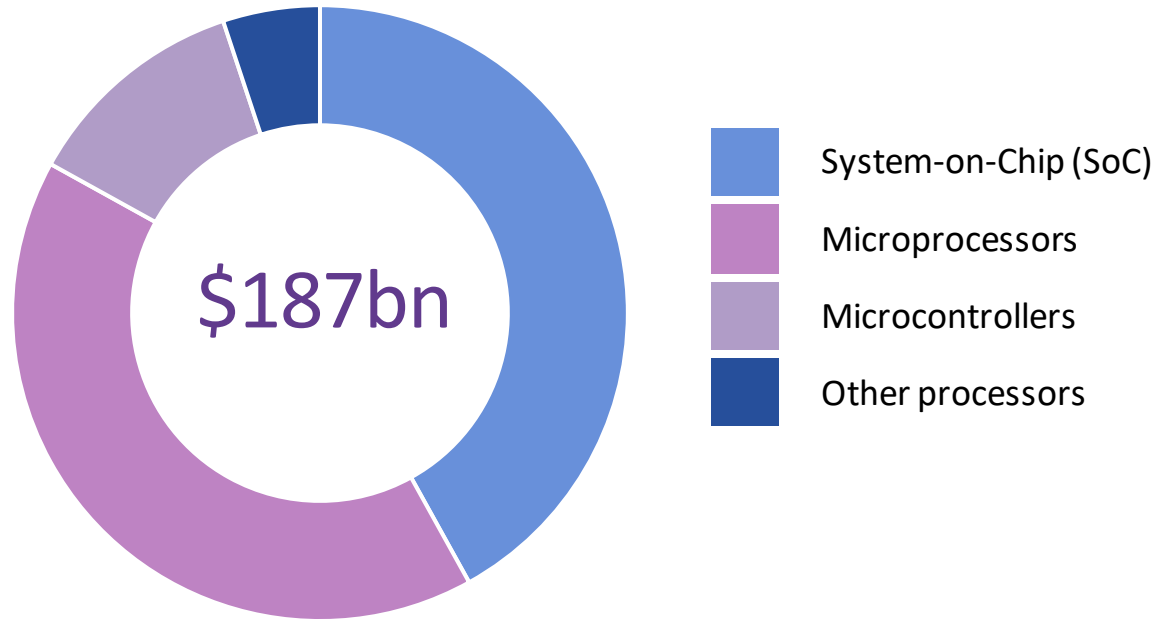
Processors come in several varieties, with each one having strengths that make them a key part in driving the advancement of technologies such as AI, IoT, Security, and ADAS, putting them at the heart of innovations expected to change the world.

Claire Wen
Senior Research Analyst

Processors Spotlight Service

Part of the Semiconductor Components
Service Area Package

2021 Processor Revenues



Source: Omdia

© 2023 Omdia

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?

Semiconductor Components: Our Expert Analysts



Paul Pickering
Practice Lead
Power Semiconductors



Richard Eden
Sr. Principal Analyst
Power Semiconductors



Sang Oh
Sr. Research Analyst
Automotive Semiconductors



Nora Houlihan
Sr. Research Analyst
MEMS & Sensors



Callum Middleton
Sr. Research Analyst
Power Semiconductors



Jawad Tariq
Research Analyst
MEMS & Sensors



Carol Yang
Sr. Research Analyst
CMOS Image Sensor



Frank Xu
Principal Analyst
Microcontrollers



Claire Wen
Sr. Research Analyst
Microprocessors

Processors Spotlight Service

Deliverables (1/2): Market Trackers

Microcontroller Market Tracker

Frequency: Semi-annual

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-annual

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-annual

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 and AI Market Tracker

Frequency: Semi-annual

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

Processors Spotlight Service

Deliverables (2/2): Market Reports

Microprocessor (MPU) Market Report, Processor Architecture Report

Frequency: Annual

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

Processors Spotlight Service

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

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

- Make the right decisions
- Sanity-check your own findings
- Get the most out of your subscription
- Understand more about our methodologies

Our Ask an Analyst service gives you direct contact via telephone, email or face-to-face session with our expert analyst team:



Shelley Hunter
*Customer Success
Manager*



Kâren Dyer
*Customer Success
Manager*



Get in touch!

Customer Success



E: customersuccess@informa.com



@Omdia



@OmdiaHQ

The Omdia logo, featuring a stylized white 'O' with a dot inside, followed by the word 'MDIA' in a bold, sans-serif font.