

Semiconductor Market Forecasts



Embedded Processing Service — 2015 Edition

A series of 3 reports providing comprehensive coverage of trends for embedded processors | Published June 2015 | 340 Pages

\$13,125 for Intranet PDF License + Excel Tables



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Embedded Processing Service — Key Features

- Coverage of the market for 32- & 64-bit microcontrollers, 32- & 64-bit embedded microprocessors, general purpose DSPs, ASICs/ASSPs and PLDs/FPGAs.
- Architectural report providing detailed coverage of trends for the ARM architecture.
- Analysis of 24 application areas, providing detailed coverage of each end-use sector.
- Unit, revenue and average pricing (ASP) analysis for each product type in each application area. Base year is 2014, with forecasts to 2020.
- Highly quantitative analysis, with discussion summarized in short, easy to read bullet points.
- PDF and Excel delivery options available.
- Inclusive telephone-based analyst enquiry time to answer questions and uncertainties related to market trends and forecasts.

Application Analysis

Each report in the service provides analysis of the market in each of the following application areas:

- Automotive Under-the-Hood Electronics
- Automotive Aftermarket
- Enterprise Customer Premises Equipment
- Wireless Communications Infrastructure
- Personal, Enterprise & Cloud Storage
- Wired Games Consoles
- eBook Readers/Tablets/Netbooks
- Cameras & Camcorders
- Blu-ray/DVD Recorders & Players
- Digital Home Networks
- Automation & Drives
- Smart Cards & Payment Processing
- Automotive OE Entertainment Systems
- Cellphones & Smartphones
- Wired Communications Infrastructure
- Compute Platforms
- Office Equipment & Computer Peripherals
- Handheld Games Consoles
- Media Players/MP3 Players
- Digital TVs & Set-top Boxes
- Wearable Electronics
- Other Digital Home Appliances
- Medical Electronics
- Other Industrial Electronics

Report Summaries

To review full details of each report in the service, please click on the report title to download the individual study brochure.

Opportunities for ARM in Embedded Processing

Published June 2015. Provides analysis of trends for 32-bit ARM MCUs, 64-bit ARM MCUs, 32-bit ARM eMPUs, 64-bit ARM eMPUs, 32-bit ARM ASICs/ASSPs, 64-bit ARM ASICs/ASSPs, 32-bit ARM FPGAs, 64-bit ARM FPGAs, 32-bit ARM DSPs and 64-bit ARM DSPs. Base year is 2014, with forecasts to 2020.

32/64-bit Microcontrollers, Embedded Microprocessors & DSPs

Published June 2015. Provides analysis of trends for ARM MCUs, ARM eMPUs, MIPS MCUs/eMPUs, Power Architecture MCUs/eMPUs, 68K/Coldfire MCUs/eMPUs, x86 MCUs/eMPUs, SuperH MCUs/eMPUs, TriCore MCUs/eMPUs, V850/RH850 MCUs/eMPUs, "Other 32/64-bit" MCUs/eMPUs and General Purpose DSPs. Base year is 2014, with forecasts to 2020.

ASICs, ASSPs & PLDs/FPGAs

Published April 2015. Provides analysis of trends for Classic ASICs, 32/64-bit MPU Core-based ASICs, Classic ASSPs, 32/64-bit MPU Core-based ASSPs and PLDs/FPGAs. Base year is 2014, with forecasts to 2020.

Analyst Biography

Colin Barnden - Principal Analyst



Colin joined Semicast Research in 2006 and is principal analyst for semiconductor research and vice president of business development. Prior to joining Semicast, he worked for 12 years at IMS Research, rising to the position of Senior Research Director of its Semiconductor Research Group and responsible for analyst coverage on the analog/mixed signal, optoelectronic and embedded processing industries. Colin also set-up and established IMS Research's Automotive Electronics Group. During his tenure, Colin authored dozens of reports and became a well respected industry analyst. He holds a B.S. in Electronic Engineering from Aston University, England.

About Semicast

Founded in 2006, Semicast has an established reputation at most top 20 semiconductor suppliers, with areas of expertise covering industrial and medical electronics and semiconductors, under-the-hood automotive electronics, automotive entertainment systems, automotive semiconductors and embedded processing.

With almost twenty years of market research experience, our analysts use a combination of technical expertise, a proven method for producing electronics focused market research and specific applications knowledge to produce concise and timely research to help you make effective business decisions.

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