

Semiconductor Market Forecasts



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ASICs, ASSPs & PLD/FPGAs – 2009 Edition

Market Analysis by Product Type & Application to 2014
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 **SEMICAST**

Semicast Research Ltd.
18 Blake House, Gunwharf Quays
Portsmouth, PO1 3TH, UK
Tel: +44 23-9273-3012
Fax (UK): +44 207-806-0707
Fax (US): (408) 351-9400
info@semicast.net
www.semicast.net

ASICs, ASSPs & PLD/FPGAs - Report Overview

Key features of the study include:

- Coverage of the market for Classic ASICs, MPU Core-based ASICs, Classic ASSPs, MPU Core-based ASSPs and PLDs/FPGAs.
- Analysis of 21 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.
- Supplier market share estimates (in revenues) in 2008.
- Highly quantitative analysis, with discussion summarized in short, easy to read bullet points.
- PDF and Excel delivery options available.
- Analyst support time to answer all reasonable questions relating to forecasts and conclusions.

Application Analysis

The study provides analysis of the market for ASICs, ASSPs & PLD/FPGAs in the following applications:

- Automotive Under-the-Hood Electronics
- Cellphones & Communicators
- Wired Communications Infrastructure
- Compute Platforms
- Office Equipment & Computer Peripherals
- Handheld Games Consoles
- Cameras & Camcorders
- DVD Recorders & Players
- Industrial Automation & Drives
- Chip Cards & Payment Processing
- Military/Aerospace
- Automotive Entertainment Systems
- Customer Premises Equipment
- Wireless Communications Infrastructure
- HDDs & Storage Systems
- Wired Games Consoles
- Media Players/MP3 Players
- TVs & Set-top Boxes
- Other Consumer Electronics
- Medical Electronics
- Other Industrial Electronics

For each application, the study provides analysis of units, revenues and average pricing (ASP) for each of the following product types. Base year for analysis is 2008, with forecasts to 2014.

- Classic ASICs
- Classic ASSPs
- PLDs/FPGAs
- MPU Core-based ASICs
- MPU Core-based ASSPs

Example Table

For each application, the study provides analysis as shown below. The example table shows Cellphones & Communicators.

World Market for ASICs, ASSPs & FPGAs in
Cellphones & Communicators

Product Type	2008	2009	2010	2011	2012	2013	2014	CAGR (08/14)	DIFF (08-14)	SUM (08>14)
Classic ASIC										
Revenues (\$m)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0%	0.0	0.0
Units (MU)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0%	0.0	0.0
Average Price (\$)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0%		
MPU Core-based ASIC										
Revenues (\$m)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0%	0.0	0.0
Units (MU)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0%	0.0	0.0
Average Price (\$)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0%		
Classic ASSP										
Revenues (\$m)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0%	0.0	0.0
Units (MU)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0%	0.0	0.0
Average Price (\$)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0%		
MPU Core-based ASSP										
Revenues (\$m)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0%	0.0	0.0
Units (MU)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0%	0.0	0.0
Average Price (\$)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0%		
PLD/FPGA										
Revenues (\$m)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0%	0.0	0.0
Units (MU)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0%	0.0	0.0
Average Price (\$)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0%		
Total Revenues (\$m)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0%	0.0	0.0
Total Units (MU)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0%	0.0	0.0
Sector ASP (\$)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0%		

Source: Semicast Research

Table Revised: March 2009

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Analyst Biography

Colin Barnden - Principal Analyst



Colin joined Semicast Research in June 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.

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