

Semiconductor Market Forecasts



World Market for PLDs/FPGAs — 2015 Edition

Market Analysis and Forecasts to 2020

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World Market for PLDs/FPGAs - Report Overview

Key features of the study include:

- Coverage of the market for PLDs/FPGAs.
- Analysis of 25 application areas, providing detailed coverage of each end-use sector.
- Unit and revenue analysis for each application area.
- PLD/FPGA supplier market share estimates (in revenues) in 2014.
- 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 PLDs/FPGAs in the following applications 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
- Military/Aerospace
- 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

Example Table

The study provides analysis in revenues for PLDs/FPGAs as shown below.

| World Market for PLDs/FPGAs - Revenue Summary | | | | | | | | | | |
|---|------|------|------|------|------|------|------|-----------------|-----------------|----------------|
| Revenues (\$m) | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | CAGR (14/20) | DIFF (14-20) | SUM (14>20) |
| Automotive | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Automotive Under-the-hood Electronics | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Automotive OE Entertainment Systems | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Automotive Aftermarket | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Communications | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Cellphones & Smartphones | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Enterprise Customer Premises Equipment | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Wired Communications Infrastructure | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Wireless Communications Infrastructure | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Computer | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Compute Platforms | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Personal, Enterprise & Cloud Storage | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Office Equipment & Computer Peripherals | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Digital Home | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Wired Games Consoles | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Handheld Games Consoles | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| eBook Readers/Tablets/Netbooks | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Media Players/MP3 Players | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Cameras & Camcorders | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Digital TVs & Set-top Boxes | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Blu-ray/DVD Recorders & Players | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Wearable Electronics | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Digital Home Networks | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Other Digital Home Appliances | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Industrial/Medical | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Automation & Drives | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Medical Electronics | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Smart Cards & Payment Processing | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Other Industrial Electronics | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Military/Aerospace | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Total | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Year-on-year Growth | | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |

Source: Semicast Research

Table Revised: April 2015

Example Table

The study provides analysis in units for PLDs/FPGAs as shown below.

| World Market for PLDs/FPGAs - Unit Summary | | | | | | | | | | |
|--|------|------|------|------|------|------|------|-----------------|-----------------|----------------|
| Units (MU) | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | CAGR (14/20) | DIFF (14-20) | SUM (14>20) |
| Automotive | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Automotive Under-the-hood Electronics | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Automotive OE Entertainment Systems | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Automotive Aftermarket | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Communications | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Cellphones & Smartphones | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Enterprise Customer Premises Equipment | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Wired Communications Infrastructure | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Wireless Communications Infrastructure | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Computer | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Compute Platforms | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Personal, Enterprise & Cloud Storage | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Office Equipment & Computer Peripherals | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Digital Home | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Wired Games Consoles | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Handheld Games Consoles | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| eBook Readers/Tablets/Netbooks | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Media Players/MP3 Players | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Cameras & Camcorders | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Digital TVs & Set-top Boxes | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Blu-ray/DVD Recorders & Players | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Wearable Electronics | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Digital Home Networks | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Other Digital Home Appliances | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Industrial/Medical | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Automation & Drives | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Medical Electronics | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Smart Cards & Payment Processing | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Other Industrial Electronics | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Military/Aerospace | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Total | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% | 0.0 | 0.0 |
| Year-on-year Growth | | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |

Source: Semicast Research

Table Revised: April 2015

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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

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