Digital Power ICs - Global Strategic Business Report

Description: The report provides separate comprehensive analytics for the US, Japan, Europe, Asia-Pacific, and Rest of World. Annual estimates and forecasts are provided for the period 2014 through 2022. Market data and analytics are derived from primary and secondary research.

This report analyzes the worldwide markets for Digital Power ICs in US$ Thousand by the following Product Types: Digital Power Management (DPM), and Digital Power Control (DPC). The Global market is further analyzed by the following Applications: Computing, Networking and Storage, Telecom Equipment, and Others.

Company profiles are primarily based on public domain information including company URLs. The report profiles 41 companies including many key and niche players such as -

- Analog Devices, Inc.
- Bel Fuse Inc.
- Dialog Semiconductor
- Ericsson Power Modules AB
- Exar Corporation

Contents:

I. Introduction, Methodology & Product Definitions
   - Study Reliability and Reporting Limitations
   - Disclaimers
   - Data Interpretation & Reporting Level
   - Quantitative Techniques & Analytics
   - Product Definitions and Scope of Study

II. Executive Summary
   1. Industry Overview
      - Importance of Power Management in Electronics & Role of Semiconductors
      - Focus Shifts from Discrete Power Management Semiconductors to Power Management Integrated Circuits (PMICs)
      - Digital Techniques Gain Application in Power Control & Power Management
      - Growing Use of Digital Technology for Power Management Systems Bring Spotlight on Digital Power Management ICs (DPMICs)
      - DPMICs

      A Market Round Up

      - Where Do Opportunities Lie?
      - Digital Power Management ICs Make Transition from Growth Phase to Early Market Maturity Stage
      - Development Phases in the Digital Power Management ICs Market
      - Outlook

   2. Noteworthy Trends, Growth Drivers & Issues

      - Despite Economic Slowdown in China, Asia-Pacific Continues to Remain Hotspot for Growth
      - Digital Power Management IC Sales Ride on Energy Efficiency Requirements of Modern Day Electronics
      - Miniaturization of Electronic Devices
      - Key Trend Driving Growth in Adoption of DPMICs
      - Accelerated Pace of Smart City Project Implementations set to Drive Demand for DPMICs
      - Table 1: World Market for Smart Cities Analyzed with Annual Revenue Figures in US$ Million for Years 2014, 2016 & 2020 (includes corresponding Graph/Chart)
      - Pricing Pressures on Electronic Device Manufacturers Drive Demand for Low Cost DPMICs
- Communications & IT Infrastructure
- Major End-Use Market for DPMICs
- Next-Gen Servers Enhance Demand for Digital PMICs
- Increasing Data Center Sprawl: Confers an Opportunity for DPMIC
- New Network Technologies Encourage Growth in Telecom Investments
- Drives Demand for DPMICs in Telecom Infrastructure Equipment
- Table 2: Growing Spends On High Speed Mobile Networks Benefits Demand for DPMICs: Global CAPEX on 4G/LTE and 5G (In US$ Billion) for the Years 2016, 2018 & 2020 (includes corresponding Graph/Chart)
- Growing Proliferation of Consumer Electronics to Drive Demand for DPMICs
- Lighting Applications to Light Up Growth Prospects for DPMICs
- Lack of Awareness on Benefits of DPMICs
- Key Challenge for the Market
- Focus Shifts to DPM ICs in Cost-Sensitive Applications
- Technological Developments Favor Growth
- Digital Power Management Market to Gain from New Technology
- PMBus: The Dominant Power Management Protocol
- Power IC Innovations
- A Technical Insight
- Competitive Scenario
- Widespread Consolidation Activity in the Market
- Table 3: Global Digital Power IC Market: Percentage Breakdown of Player Market Shares for the Year 2016 (includes corresponding Graph/Chart)
- Competitive Market Ensures Perpetual Advancements in Technology
- Suppliers Come Closer to Customers
- Select Players in the Market & Their Key Product Offerings

3. Product Overview

- Digital Power
- An Introduction
- Is Fully Digital Circuitry Possible?
- Concept of Digital Power Management
- Integrated Circuits
- An Introduction
- What is Digital IC?
- Mixed-Signal ICs: Bringing the Best of Digital and Analog
- Power Management ICs
- Definition
- Digital Power Management ICs
- Need for Digital Power Management ICs
- Analog and Digital Electronics
- Relationship between Digital and Analog
- Digital or Analog
- Making a Choice
- Advantages of Going Digital
- Addressing Requirements of Modern Day Systems
- Appropriate Monitoring
- Zero Downtime
- Is Digital Design Really Worth It?
- Power Management Implementation Requirements
- Sequencing
- Supervision
- Accuracy
- Margining
- Current and Voltage Monitoring
- Fault Logging
- Autonomous Operation
- Simplifying Features of Digital Power Management IC Using GUI
- Review of Select End-Use Applications
- Digital Power Management (DPM) IC Penetration
- ICs in Signal Processing Applications
- Industrial Applications
- Defense and Aerospace Sector
4. Product Introductions/Innovations
- Dialog Introduces DA6001 PMIC
- Intersil Introduces Highly Integrated PMICs for Tablets and Ultrabooks
- Ricoh Introduces Three Advanced Single Chip Power Management Unit ICs for Application Processors
- Ricoh Introduces R1270 Series High Voltage Step Down DC/DC Converter
- ZMDI Launches ZSPM1503 Digital Power Controller for Next Generation of Telecom, Data Com and Networking Equipment
- ams Adds AS3722 to its PMIC Portfolio for Nvidia Tegra and Other Multi-core ARM Processors
- Ricoh Expands its Automotive PMIC Portfolio with New Range of CMOS-Based Products
- Intersil Unveils ZL2102 Power Regulator
- IWATT Adds Two New Power Adapter Chipsets to Its PRIMACCURATE PWM CONTROLLER PLATFORM

5. Recent Industry Activity
- ON Semiconductor Acquires Fairchild Semiconductor
- Renesas to Take Over Intersil
- Analog Devices to Acquire Linear Technology
- Ricoh Electronic Devices Company Enters into a Partnership with Mouser for Distribution of PMICs
- NXP Semiconductors Completes Merger with Freescale Semiconductor
- MediaTek Acquires Richtek to Strengthen Position in PMICs Market
- Microchip Technology Completes Acquisition of Micrel
- Altera Enters into a Licensing Agreement with ZMDI
- ROHM Semiconductor Takes Over Powervation
- Power Integrations Acquires Cambridge Semiconductor
- Infineon Technologies AG Snaps Up International Rectifier
- Bel Completes Acquisition of ABB Power One Solutions
- Maxim Acquires Volterra
- Mouser Electronics Inc Enters into a Pact with Analog Devices Inc
- Dialog Semiconductor Acquires IWATT

6. Focus On Select Players
- Analog Devices, Inc. (US)
- Bel Fuse Inc. (US)
- Ericsson Power Modules AB (Sweden)
- Exar Corporation (US)
- Infineon Technologies AG (Germany)
- Intersil Corporation (US)
- Linear Technology Corporation (US)
- Maxim Integrated Products, Inc. (US)
- Microchip Technology, Inc. (US)
- NXP Semiconductors N.V. (The Netherlands)
- ON Semiconductor Corporation (US)
- Fairchild Semiconductor, Inc. (US)
- Qualcomm Incorporated (US)
- Renesas Electronics Corporation (Japan)
- Rohm Semiconductor
- Silicon Laboratories, Inc. (US)
- Skyworks Solutions, Inc (US)
- Texas Instruments Incorporated (US)

7. Global Market Perspective
Table 4: World Recent Past, Current and Future Analysis for Digital Power Management ICs by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific, and Rest of World Markets Independently Analyzed with Annual Sales Figures in US$ Thousands for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 5: World Historic Review, for Digital Power Management ICs by Geographic Region
III. Market

1. The United States
   A. Market Analysis
      Outlook
      Recovery in Electronics Manufacturing to Sustain Demand for DPMICs
      Continued Relocation of US Electronics Manufacturing to Low Cost Destinations - Threat for Domestic DPMICs Market
      High End Electronics Manufacturing to Help Sustain Demand Prospects for DPMICs in US
      Product Launches
      Strategic Corporate Developments
      Key Players
   B. Market Analytics
      Table 16: US Recent Past, Current and Future Analysis for Digital Power Management ICs by Application Type Electronics, Data communications, Computer Networks & Telecommunications, and Other Application Types Markets Independently Analyzed with Annual Sales Figures in US$ Thousands for Years 2015 through 2022 (includes corresponding Graph/Chart)
      Table 17: US Historic Review, for Digital Power Management ICs by Application Type Electronics, Data communications, Computer Networks & Telecommunications, and Other Application Types Markets Independently Analyzed with Annual Sales Figures in US$ Thousands for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 18: US 14-Year Perspective for Digital Power Management ICs by Application Type
Percentage Breakdown of Dollar Sales for Electronics, Data communications, Computer Networks & Telecommunications, and Other Application Types Markets for Years 2009, 2016 and 2022 (includes corresponding Graph/Chart)

2. Canada
A. Market Analysis
   Outlook
B. Market Analytics
Table 19: Canadian Recent Past, Current and Future Analysis for Digital Power Management ICs by Application Type
Electronics, Data communications, Computer Networks & Telecommunications, and Other Application Types Markets Independently Analyzed with Annual Sales Figures in US$ Thousands for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 20: Canadian Historic Review, for Digital Power Management ICs by Application Type
Electronics, Data communications, Computer Networks & Telecommunications, and Other Application Types Markets Independently Analyzed with Annual Sales Figures in US$ Thousands for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 21: Canadian 14-Year Perspective for Digital Power Management ICs by Application Type
Percentage Breakdown of Dollar Sales for Electronics, Data communications, Computer Networks & Telecommunications, and Other Application Types Markets for Years 2009, 2016 and 2022 (includes corresponding Graph/Chart)

3. Japan
A. Market Analysis
   Outlook
   Key Players
B. Market Analytics
Table 22: Japanese Recent Past, Current and Future Analysis for Digital Power Management ICs by Application Type
Electronics, Data communications, Computer Networks & Telecommunications, and Other Application Types Markets Independently Analyzed with Annual Sales Figures in US$ Thousands for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 23: Japanese Historic Review, for Digital Power Management ICs by Application Type
Electronics, Data communications, Computer Networks & Telecommunications, and Other Application Types Markets Independently Analyzed with Annual Sales Figures in US$ Thousands for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 24: Japanese 14-Year Perspective for Digital Power Management ICs by Application Type
Percentage Breakdown of Dollar Sales for Electronics, Data communications, Computer Networks & Telecommunications, and Other Application Types Markets for Years 2009, 2016 and 2022 (includes corresponding Graph/Chart)

4. Europe
A. Market Analysis
   Outlook
B. Market Analytics
Table 25: European Recent Past, Current and Future Analysis for Digital Power Management ICs by Geographic Region
France, Germany, Italy, UK, Spain, Russia and Rest of Europe Markets Independently Analyzed with Annual Sales Figures in US$ Thousands for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 26: European Historic Review, for Digital Power Management ICs by Geographic Region
France, Germany, Italy, UK, Spain, Russia and Rest of Europe Markets Independently Analyzed with Annual Sales Figures in US$ Thousands for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 27: European 14-Year Perspective for Digital Power Management ICs by Geographic Region
Percentage Breakdown of Dollar Sales for France, Germany, Italy, UK, Spain, Russia and Rest of Europe Markets for Years 2009, 2016 and 2022 (includes corresponding Graph/Chart)
Table 28: European Recent Past, Current and Future Analysis for Digital Power Management ICs by Application Type
Electronics, Data communications, Computer Networks & Telecommunications, and Other Application Types Markets Independently Analyzed with Annual Sales Figures in US$ Thousands for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 29: European Historic Review, for Digital Power Management ICs by Application Type
Electronics, Data communications, Computer Networks & Telecommunications, and Other Application Types Markets Independently Analyzed with Annual Sales Figures in US$ Thousands for Years 2009 through 2014 (includes corresponding Graph/Chart)
Markets Independently Analyzed with Annual Sales Figures in US$ Thousands for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 30: European 14-Year Perspective for Digital Power Management ICs by Application Type Percentage Breakdown of Dollar Sales for Electronics, Data communications, Computer Networks & Telecommunications, and Other Application Types Markets for Years 2009, 2016 and 2022 (includes corresponding Graph/Chart)

4A. France
A. Market Analysis
Outlook
B. Market Analytics
Table 31: French Recent Past, Current and Future Analysis for Digital Power Management ICs by Application Type Electronics, Data Communications, Computer Networks & Telecommunications, and Other Application Types Markets Independently Analyzed with Annual Sales Figures in US$ Thousands for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 32: French Historic Review, for Digital Power Management ICs by Application Type Electronics, Data communications, Computer Networks & Telecommunications, and Other Application Types Markets Independently Analyzed with Annual Sales Figures in US$ Thousands for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 33: French 14-Year Perspective for Digital Power Management ICs by Application Type Percentage Breakdown of Dollar Sales for Electronics, Data communications, Computer Networks & Telecommunications, and Other Application Types Markets for Years 2009, 2016 and 2022 (includes corresponding Graph/Chart)

4B. Germany
A. Market Analysis
Outlook
Product Launch
Strategic Corporate Development
Key Player
B. Market Analytics
Table 34: German Recent Past, Current and Future Analysis for Digital Power Management ICs by Application Type Electronics, Data Communications, Computer Networks & Telecommunications, and Other Application Types Markets Independently Analyzed with Annual Sales Figures in US$ Thousands for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 35: German Historic Review, for Digital Power Management ICs by Application Type Electronics, Data communications, Computer Networks & Telecommunications, and Other Application Types Markets Independently Analyzed with Annual Sales Figures in US$ Thousands for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 36: German 14-Year Perspective for Digital Power Management ICs by Application Type Percentage Breakdown of Dollar Sales for Electronics, Data communications, Computer Networks & Telecommunications, and Other Application Types Markets for Years 2009, 2016 and 2022 (includes corresponding Graph/Chart)

4C. Italy
A. Market Analysis
Outlook
B. Market Analytics
Table 37: Italian Recent Past, Current and Future Analysis for Digital Power Management ICs by Application Type Electronics, Data Communications, Computer Networks & Telecommunications, and Other Application Types Markets Independently Analyzed with Annual Sales Figures in US$ Thousands for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 38: Italian Historic Review, for Digital Power Management ICs by Application Type Electronics, Data communications, Computer Networks & Telecommunications, and Other Application Types Markets Independently Analyzed with Annual Sales Figures in US$ Thousands for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 39: Italian 14-Year Perspective for Digital Power Management ICs by Application Type Percentage Breakdown of Dollar Sales for Electronics, Data communications, Computer Networks & Telecommunications, and Other Application Types Markets for Years 2009, 2016 and 2022 (includes corresponding Graph/Chart)
4D. The United Kingdom

A. Market Analysis
   Outlook
   Product Launch
   Strategic Corporate Development

B. Market Analytics
   Table 40: UK Recent Past, Current and Future Analysis for Digital Power Management ICs by Application Type
   Electronics, Data Communications, Computer Networks & Telecommunications, and Other Application Types
   Markets Independently Analyzed with Annual Sales Figures in US$ Thousands for Years 2015 through 2022
   (includes corresponding Graph/Chart)
   Table 41: UK Historic Review, for Digital Power Management ICs by Application Type
   Electronics, Data communications, Computer Networks & Telecommunications, and Other Application Types
   Markets Independently Analyzed with Annual Sales Figures in US$ Thousands for Years 2009 through 2014
   (includes corresponding Graph/Chart)
   Table 42: UK 14-Year Perspective for Digital Power Management ICs by Application Type
   Percentage Breakdown of Dollar Sales for Electronics, Data communications, Computer Networks &
   Telecommunications, and Other Application Types Markets for Years 2009, 2016 and 2022 (includes
   corresponding Graph/Chart)

4E. Spain

A. Market Analysis
   Outlook

B. Market Analytics
   Table 43: Spanish Recent Past, Current and Future Analysis for Digital Power Management ICs by Application Type
   Electronics, Data Communications, Computer Networks & Telecommunications, and Other Application Types
   Markets Independently Analyzed with Annual Sales Figures in US$ Thousands for Years 2015 through 2022
   (includes corresponding Graph/Chart)
   Table 44: Spanish Historic Review, for Digital Power Management ICs by Application Type
   Electronics, Data communications, Computer Networks & Telecommunications, and Other Application Types
   Markets Independently Analyzed with Annual Sales Figures in US$ Thousands for Years 2009 through 2014
   (includes corresponding Graph/Chart)
   Table 45: Spanish 14-Year Perspective for Digital Power Management ICs by Application Type
   Percentage Breakdown of Dollar Sales for Electronics, Data communications, Computer Networks &
   Telecommunications, and Other Application Types Markets for Years 2009, 2016 and 2022 (includes
   corresponding Graph/Chart)

4F. Russia

A. Market Analysis
   Outlook

B. Market Analytics
   Table 46: Russian Recent Past, Current and Future Analysis for Digital Power Management ICs by Application Type
   Electronics, Data Communications, Computer Networks & Telecommunications, and Other Application Types
   Markets Independently Analyzed with Annual Sales Figures in US$ Thousands for Years 2015 through 2022
   (includes corresponding Graph/Chart)
   Table 47: Russian Historic Review, for Digital Power Management ICs by Application Type
   Electronics, Data communications, Computer Networks & Telecommunications, and Other Application Types
   Markets Independently Analyzed with Annual Sales Figures in US$ Thousands for Years 2009 through 2014
   (includes corresponding Graph/Chart)
   Table 48: Russian 14-Year Perspective for Digital Power Management ICs by Application Type
   Percentage Breakdown of Dollar Sales for Electronics, Data communications, Computer Networks &
   Telecommunications, and Other Application Types Markets for Years 2009, 2016 and 2022 (includes
   corresponding Graph/Chart)

4G. Rest Of Europe
A. Market Analysis
Outlook
Product Launches
Strategic Corporate Developments
Key Players

B. Market Analytics
Table 49: Rest of Europe Recent Past, Current and Future Analysis for Digital Power Management ICs by Application Type
Electronics, Data Communications, Computer Networks & Telecommunications, and Other Application Types Markets Independently Analyzed with Annual Sales Figures in US$ Thousands for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 50: Rest of Europe Historic Review, for Digital Power Management ICs by Application Type Electronics, Data communications, Computer Networks & Telecommunications, and Other Application Types Markets Independently Analyzed with Annual Sales Figures in US$ Thousands for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 51: Rest of Europe 14-Year Perspective for Digital Power Management ICs by Application Type Percentage Breakdown of Dollar Sales for Electronics, Data communications, Computer Networks & Telecommunications, and Other Application Types Markets for Years 2009, 2016 and 2022 (includes corresponding Graph/Chart)

5. Asia-Pacific
A. Market Analysis
Outlook
Evolution of Electronics Industry in Asia-Pacific Over the Years
Well Established ECMS Industry Drives Demand for DPMICs
Asia Emerges as a Major Market for DPMICs Deployment in Wireless Devices

B. Market Analytics
Table 52: Asia-Pacific Recent Past, Current and Future Analysis for Digital Power Management ICs by Geographic Region
China, South Korea, Taiwan and Rest of Asia-Pacific Markets Independently Analyzed with Annual Sales Figures in US$ Thousands for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 53: Asia-Pacific Historic Review, for Digital Power Management ICs by Geographic Region China, South Korea, Taiwan and Rest of Asia-Pacific Markets Independently Analyzed with Annual Sales Figures in US$ Thousands for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 54: Asia-Pacific 14-Year Perspective for Digital Power Management ICs by Geographic Region Percentage Breakdown of Dollar Sales for China, South Korea, Taiwan and Rest of Asia-Pacific Markets for Years 2009, 2016 and 2022 (includes corresponding Graph/Chart)
Table 55: Asia-Pacific Recent Past, Current and Future Analysis for Digital Power Management ICs by Application Type Electronics, Data Communications, Computer Networks & Telecommunications, and Other Application Types Markets Independently Analyzed with Annual Sales Figures in US$ Thousands for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 56: Asia-Pacific Historic Review, for Digital Power Management ICs by Application Type Electronics, Data communications, Computer Networks & Telecommunications, and Other Application Types Markets Independently Analyzed with Annual Sales Figures in US$ Thousands for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 57: Asia-Pacific 14-Year Perspective for Digital Power Management ICs by Application Type Percentage Breakdown of Dollar Sales for Electronics, Data Communications, Computer Networks & Telecommunications, and Other Application Types Markets for Years 2009, 2016 and 2022 (includes corresponding Graph/Chart)

5a. China
A. Market Analysis
Outlook
Despite Recent Economic Slowdown China Continues to Remain Most Prominent Regional Market for DPMICs

B. Market Analytics
Table 58: Chinese Recent Past, Current and Future Analysis for Digital Power Management ICs by Application Type
Electronics, Data communications, Computer Networks & Telecommunications, and Other Application Types Markets Independently Analyzed with Annual Sales Figures in US$ Thousands for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 59: Chinese Historic Review, for Digital Power Management ICs by Application Type
Electronics, Data communications, Computer Networks & Telecommunications, and Other Application Types Markets Independently Analyzed with Annual Sales Figures in US$ Thousands for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 60: Chinese 14-Year Perspective for Digital Power Management ICs by Application Type
Percentage Breakdown of Dollar Sales for Electronics, Data communications, Computer Networks & Telecommunications, and Other Application Types Markets for Years 2009, 2016 and 2022 (includes corresponding Graph/Chart)

5b. South Korea
A. Market Analysis
Outlook
B. Market Analytics
Table 61: South Korean Recent Past, Current and Future Analysis for Digital Power Management ICs by Application Type
Electronics, Data communications, Computer Networks & Telecommunications, and Other Application Types Markets Independently Analyzed with Annual Sales Figures in US$ Thousands for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 62: South Korean Historic Review, for Digital Power Management ICs by Application Type
Electronics, Data communications, Computer Networks & Telecommunications, and Other Application Types Markets Independently Analyzed with Annual Sales Figures in US$ Thousands for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 63: South Korean 14-Year Perspective for Digital Power Management ICs by Application Type
Percentage Breakdown of Dollar Sales for Electronics, Data communications, Computer Networks & Telecommunications, and Other Application Types Markets for Years 2009, 2016 and 2022 (includes corresponding Graph/Chart)

5c. Taiwan
A. Market Analysis
Outlook
Large Electronic Device Manufacturing Industries Makes Taiwan a Major Market for DPMICs
Strategic Corporate Development
B. Market Analytics
Table 64: Taiwanese Recent Past, Current and Future Analysis for Digital Power Management ICs by Application Type
Electronics, Data communications, Computer Networks & Telecommunications, and Other Application Types Markets Independently Analyzed with Annual Sales Figures in US$ Thousands for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 65: Taiwanese Historic Review, for Digital Power Management ICs by Application Type
Electronics, Data communications, Computer Networks & Telecommunications, and Other Application Types Markets Independently Analyzed with Annual Sales Figures in US$ Thousands for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 66: Taiwanese 14-Year Perspective for Digital Power Management ICs by Application Type
Percentage Breakdown of Dollar Sales for Electronics, Data communications, Computer Networks & Telecommunications, and Other Application Types Markets for Years 2009, 2016 and 2022 (includes corresponding Graph/Chart)

5d. Rest Of Asia-Pacific
A. Market Analysis
Outlook
B. Market Analytics
Table 67: Rest of Asia-Pacific Recent Past, Current and Future Analysis for Digital Power Management ICs by
Application Type
Electronics, Data communications, Computer Networks & Telecommunications, and Other Application Types
Markets Independently Analyzed with Annual Sales Figures in US$ Thousands for Years 2015 through 2022
(includes corresponding Graph/Chart)
Table 68: Rest of Asia-Pacific Historic Review, for Digital Power Management ICs by Application Type
Electronics, Data communications, Computer Networks & Telecommunications, and Other Application Types
Markets Independently Analyzed with Annual Sales Figures in US$ Thousands for Years 2009 through 2014
(includes corresponding Graph/Chart)
Table 69: Rest of Asia-Pacific 14-Year Perspective for Digital Power Management ICs by Application Type
Percentage Breakdown of Dollar Sales for Electronics, Data communications, Computer Networks &
Telecommunications, and Other Application Types Markets for Years 2009, 2016 and 2022 (includes
corresponding Graph/Chart)

6. Rest Of World
A. Market Analysis
Outlook

B. Market Analytics
Table 70: Rest of World Recent Past, Current and Future Analysis for Digital Power Management ICs by
Application Type
Electronics, Data Communications, Computer Networks & Telecommunications, and Other Application Types
Markets Independently Analyzed with Annual Sales Figures in US$ Thousands for Years 2015 through 2022
(includes corresponding Graph/Chart)
Table 71: Rest of World Historic Review, for Digital Power Management ICs by Application Type
Electronics, Data communications, Computer Networks & Telecommunications, and Other Application Types
Markets Independently Analyzed with Annual Sales Figures in US$ Thousands for Years 2009 through 2014
(includes corresponding Graph/Chart)
Table 72: Rest of World 14-Year Perspective for Digital Power Management ICs by Application Type
Percentage Breakdown of Dollar Sales for Electronics, Data communications, Computer Networks &
Telecommunications, and Other Application Types Markets for Years 2009, 2016 and 2022 (includes
corresponding Graph/Chart)

IV. Competitive Landscape
Total Companies Profiled: (including Divisions/Subsidiaries)
- The United States
- Japan
- Europe
- Germany
- The United Kingdom
- Rest of Europe
- Asia-Pacific (Excluding Japan)

Ordering:
Order Online - [http://www.researchandmarkets.com/reports/1824098/](http://www.researchandmarkets.com/reports/1824098/)
Order by Fax - using the form below
Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

<table>
<thead>
<tr>
<th>Product Name:</th>
<th>Digital Power ICs - Global Strategic Business Report</th>
</tr>
</thead>
<tbody>
<tr>
<td>Web Address:</td>
<td><a href="http://www.researchandmarkets.com/reports/1824098/">http://www.researchandmarkets.com/reports/1824098/</a></td>
</tr>
<tr>
<td>Office Code:</td>
<td>SC</td>
</tr>
</tbody>
</table>

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Product Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF)- Single User:</td>
<td>USD 4950</td>
</tr>
<tr>
<td>Electronic (PDF)- 1 - 5 Users:</td>
<td>USD 6930</td>
</tr>
<tr>
<td>Electronic (PDF)- 1 - 10 Users:</td>
<td>USD 9405</td>
</tr>
<tr>
<td>Electronic (PDF)- 1 - 15 Users:</td>
<td>USD 11880</td>
</tr>
</tbody>
</table>

* The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.

Contact Information
Please enter all the information below in BLOCK CAPITALS

<table>
<thead>
<tr>
<th>Title:</th>
<th>Mr</th>
<th>Mrs</th>
<th>Dr</th>
<th>Miss</th>
<th>Ms</th>
<th>Prof</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>First Name:</th>
<th>Last Name:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Email Address: *</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Job Title:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Organisation:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Address:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>City:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Postal / Zip Code:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Country:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Phone Number:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Fax Number:</th>
</tr>
</thead>
</table>

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:

Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by Wire Transfer: Bank details will be provided on the invoice which you will receive after you place your order with us.

If you have a Marketing Code please enter it below:

_____________________________
Marketing Code:

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World