Power Line Carrier Communication Market - Global Forecast to 2022

Description: Power Line Carrier Communication Market by Technology (Broadband & Narrowband), Application (Smart Grid & Indoor Networking), & PoE Controller Market by Type (PSE & PD), Application (Connectivity, Security, & LED Lighting), Geography - Global Forecast to 2022

"Growing use of PLCC in smart grids is expected to drive the growth of the power line carrier communication (PLCC) market, while growing demand for PoE-enabled products is fueling the growth of the Power over Ethernet (PoE) controller market"

The PLCC market is expected to grow from USD 4.11 billion in 2015 to USD 11.27 billion by 2022, at a CAGR of 15.18% between 2016 and 2022. Increasing adoption of PLCC-based products for smart grid applications in the residential, commercial and industrial verticals is a key driver for the growth of the global PLCC market. The global PoE controller market was valued at USD 0.45 Billion in 2015 and is expected to reach USD 1.04 Billion by 2022, at a CAGR of 12.56%, owing to the increasing demand for PoE-based products, especially in the commercial vertical.

The PLCC market for the commercial vertical is expected to grow at a high rate between 2016 and 2022. Ongoing transformation of the existing metering terminals to smart metering systems, increasing adoption of PLCC systems in building automation applications, and surging demand for secure and reliable network communication are expected to drive the growth of the PLCC market for the commercial vertical at a high rate. Also, the high growth rate of the PoE controller market for the commercial vertical can be attributed to the increasing demand for PoE devices for connectivity and security & access control applications.

The PLCC and PoE controller markets in APAC are expected to grow at a high rate during the forecast period. Growing market for advanced metering infrastructure and surging demand for PLCC-based lighting control applications (such as roadways, parking areas, tunnels, and street lighting), and increasing deployment of PLCC-based products in the commercial and industrial sectors are expected to drive the growth of the PLCC market in this region. In addition, the high growth rate of the PoE controller market in APAC can be attributed to the increasing demand for PoE controllers in China, Japan, Taiwan, and South Korea as well as growing adoption rate of network devices such VoIP phones, wireless access points, and IP cameras (especially in the commercial vertical).

In the process of determining and verifying the market size for several segments and subsegments gathered through secondary research, extensive primary interviews have been conducted with key people in the markets.

The break-up of profile of primary participants is given below:

- By Company Type: Tier 1 - 35%, Tier 2 - 45%, and Tier 3 - 20%
- By Designation: C-Level Executives - 35%, Directors- 25%, and Others - 40%
- By Region: North America - 45%, Europe - 20%, APAC - 30%, and RoW - 5%

The key players in the PLCC & PoE controller markets include Maxim Integrated Products Inc. (U.S.), Texas Instruments Inc. (U.S.), STMicroelectronics N.V. (Switzerland), Linear Technology Corp. (U.S.), Cypress Semiconductor Corp. (U.S.), Broadcom Ltd. (U.S.), and Yitran Technologies Ltd. (Israel) among others.

Reasons to buy the report:

The report would help the market leaders/new entrants in this market in the following ways:

1. This report segments the power line carrier communication and power over Ethernet controller markets comprehensively and provides the closest approximations of the revenue numbers for the overall markets and the subsegments across different verticals and regions.

2. The report would help stakeholders understand the pulse of the markets and provides them the information on key drivers, restraints, challenges, and opportunities for the markets.
3. This report would help stakeholders to better understand their competitors and gain more insights to enhance their position in the business. The competitive landscape section includes competitors’ ecosystem and their new product developments, partnerships, and mergers & acquisitions.
5.3.7.1 Introduction of A New PoE Standard
5.3.8 Challenges
5.3.8.1 Limited Range of PoE

6 Industry Trends
6.1 Introduction
6.2 Value Chain Analysis
6.3 Porter’s Five Forces Model
6.3.1 Threat of New Entrants
6.3.2 Threat of Substitutes
6.3.3 Bargaining Power of Suppliers
6.3.4 Bargaining Power of Buyers
6.3.5 Intensity of Competitive Rivalry

7 Power Line Carrier Communication (PLCC) System Market
7.1 PLCC System Market By Frequency
7.1.1 Introduction
7.1.2 Narrowband (3 kHz to 500 kHz)
7.1.3 Broadband (Greater Than 500 kHz)
7.2 PLCC System Market By Application
7.2.1 Introduction
7.2.2 Smart Grid
7.2.2.1 Advanced Metering
7.2.2.2 Micro Inverters
7.2.2.3 Electric Vehicle Charging
7.2.2.4 Lighting Control
7.2.3 Indoor Networking
7.2.4 Long Haul Applications
7.3 PLCC System Market By Verticals
7.3.1 Introduction
7.3.2 Residential
7.3.3 Commercial
7.3.4 Industrial
7.3.4.1 Automotive and Transportation
7.3.4.2 Oil and Gas
7.3.4.3 Telecommunication
7.3.4.4 Power Distribution
7.3.4.5 Healthcare
7.4 PLCC System Market By Component
7.4.1 Introduction
7.4.2 Line Trap Unit
7.4.3 Coupling Capacitor
7.4.4 Line Tuning Unit
7.4.5 Transmitters & Receivers
7.4.6 Others
7.4.6.1 Hybrids and Filters
7.4.6.2 Oscillators and Amplifiers
7.4.6.3 Protection and Earthing Equipment
7.5 PLCC System Voltage Levels
7.5.1 Introduction
7.5.2 Low-Voltage
7.5.3 Medium-Voltage
7.5.4 High-Voltage
7.6 PLCC System Modulation Techniques
7.6.1 Introduction
7.6.2 Single Carrier Modulation
7.6.2.1 Frequency Shift Keying (FSK)
7.6.2.2 Phase Shift Keying (PSK)
7.6.2.3 Amplitude Shift Keying (ASK)
7.6.3 Multi Carrier Modulation
7.6.3.1 Orthogonal Frequency Division Multiplexing (OFDM)
7.6.3.2 Filtered Multitone (FMT) Modulation
7.6.3.3 Discrete Wavelet Multitone (DWMT) Modulation
7.6.4 Spread Spectrum Modulation

8 Power Over Ethernet Controller Market
  8.1 Power Over Ethernet Controller Market, By Type
    8.1.1 Introduction
    8.1.2 Power Sourcing Equipment Controllers
    8.1.3 Powered Device Controllers
  8.2 Power Over Ethernet Controller Market, By Device
    8.2.1 Introduction
    8.2.2 Power Sourcing Equipment
      8.2.2.1 Endspan Power Sourcing Equipment
      8.2.2.2 Midspan Power Sourcing Equipment
    8.2.3 Powered Devices
      8.2.3.1 Voip Phones
      8.2.3.2 Wireless Access Points
      8.2.3.3 IP Cameras
    8.2.4 Other Powered Devices
  8.3 Power Over Ethernet Controller Market, By Application
    8.3.1 Introduction
    8.3.2 Connectivity
    8.3.3 Security & Access Control
    8.3.4 Infotainment
    8.3.5 LED Lighting Control
  8.4 Power Over Ethernet Controller Market, By Vertical
    8.4.1 Introduction
    8.4.2 Commercial
      8.4.2.1 Office Buildings
      8.4.2.2 Healthcare
      8.4.2.3 Retail
    8.4.3 Residential
    8.4.4 Industrial
      8.4.4.1 Oil & Gas
      8.4.4.2 Transportation
      8.4.4.3 Telecommunication
      8.4.4.4 Power
    8.4.5 Others

9 Power Line Carrier Communication and Power Over Ethernet Market, By Geography
  9.1 Introduction
  9.2 North America
    9.2.1 U.S.
    9.2.2 Canada
    9.2.3 Mexico
  9.3 Europe
    9.3.1 U.K.
    9.3.2 Germany
    9.3.3 France
    9.3.4 Rest of Europe
  9.4 APAC
    9.4.1 China
    9.4.2 Japan
    9.4.3 India
    9.4.4 Rest of APAC
  9.5 RoW

10 Competitive Landscape
  10.1 Overview
  10.2 Market Share & Ranking Analysis: Power Line Carrier Communication and Power Over Ethernet Controller Markets
  10.3 Competitive Situation
    10.3.1 New Product Launches
    10.3.2 Mergers, Acquisitions, & Contracts
10.3.3 Expansions & Partnerships

11 Company Profiles
11.1 Maxim Integrated Products, Inc.
11.1.1 Business Overview
11.1.2 Products Offered
11.1.3 Recent Developments
11.1.4 SWOT Analysis
11.1.5 MnM View
11.2 Texas Instruments Inc.
11.2.1 Business Overview
11.2.2 Products Offered
11.2.3 Recent Developments
11.2.4 SWOT Analysis
11.2.5 MnM View
11.3 STMicroelectronics N.V.
11.3.1 Business Overview
11.3.2 Product Portfolio
11.3.3 SWOT Analysis
11.3.4 MnM View
11.4 Linear Technology Corp.
11.4.1 Business Overview
11.4.2 Products Offered
11.4.3 Recent Developments
11.4.4 SWOT Analysis
11.4.5 MnM View
11.5 Cypress Semiconductor Corp.
11.5.1 Business Overview
11.5.2 Products Offered
11.6 Broadcom Ltd.
11.6.1 Business Overview
11.6.2 Products Offered
11.6.3 Recent Developments
11.7 Semtech Corp.
11.7.1 Business Overview
11.7.2 Products Offered
11.7.3 Recent Developments
11.8 ABB Ltd.
11.8.1 Business Overview
11.8.2 Products Offered
11.8.3 Recent Developments
11.9 D-Link Corp.
11.9.1 Business Overview
11.9.2 Products Offered
11.9.3 Recent Developments
11.10 Microsemi Corp.
11.10.1 Business Overview
11.10.2 Products Offered
11.10.3 Recent Developments
11.11 On Semiconductor Corp.
11.11.1 Business Overview
11.11.2 Products Offered
11.12 Atmel Corp.
11.12.1 Business Overview
11.12.2 Products Offered
11.12.3 Recent Developments
11.13 Yitan Technologies Ltd.
11.13.1 Business Overview
11.13.2 Products Offered
11.13.3 Recent Developments

12 Appendix
List of Tables

Table 1 Drivers
Table 2 Restraints
Table 3 Opportunities
Table 4 Challenges
Table 5 Drivers
Table 6 Restraints
Table 7 Opportunities
Table 8 Challenges
Table 9 PLCC Market Size By Frequency, 2013-2022 (USD Million)
Table 10 Narrowband PLCC Market Size By Geography, 2013-2022 (USD Million)
Table 11 Narrowband PLCC Market Size By Vertical, 2013-2022 (USD Million)
Table 12 Narrowband PLCC Market Size By Application, 2013-2022 (USD Million)
Table 13 Broadband PLCC Market Size By Geography, 2013-2022 (USD Million)
Table 14 Broadband PLCC Market Size By Vertical, 2013-2022 (USD Million)
Table 15 Broadband PLCC Market Size By Application, 2013-2022 (USD Million)
Table 16 PLCC Market Size By Application, 2013-2022 (USD Million)
Table 17 Smart Grid Market Size By Type, 2013-2022 (USD Million)
Table 18 Smart Grid Market Size By Technology, 2013-2022 (USD Million)
Table 19 Indoor Networking Market Size By Technology, 2013-2022 (USD Million)
Table 20 PLCC Market Size By Vertical, 2013-2022 (USD Million)
Table 21 Residential PLCC Market Size By Technology, 2013-2022 (USD Million)
Table 22 Commercial PLCC Market Size By Technology, 2013-2022 (USD Million)
Table 23 Industrial PLCC Market Size By Technology, 2013-2022 (USD Million)
Table 24 PLCC Market Size By Component Type, 2013-2022 (USD Million)
Table 25 PLCC Component Market Size, By Types, 2013-2020 (USD Million)
Table 26 Power Over Ethernet Controller Market, By Type, 2013-2022 (USD Million)
Table 27 Power Sourcing Equipment Controller Market, By Application, 2013-2022 (USD Million)
Table 28 Powered Device Controller Market, By Application, 2013-2022 (USD Million)
Table 29 Power Sourcing Equipment Controller Market, By Product, 2013-2022 (USD Million)
Table 30 Powered Device Controller Market, By Product, 2013-2022 (USD Million)
Table 31 PoE Controller Market, By Application, 2013-2022 (USD Million)
Table 32 PoE Controller Market for Connectivity Applications, By Vertical, 2013-2022 (USD Million)
Table 33 Power Over Ethernet Controller Market for Security & Access Control Applications, By Vertical, 2013-2022 (USD Million)
Table 34 Power Over Ethernet Controller Market for Infotainment Applications, By Vertical, 2013-2022 (USD Million)
Table 35 Power Over Ethernet Controller for LED Lighting Control Applications, By Vertical, 2013-2022 (USD Million)
Table 36 PoE Controller Market, By Vertical, 2013-2022 (USD Million)
Table 37 PoE Controller Market for the Commercial Vertical, By Application, 2013-2022 (USD Million)
Table 38 Power Over Ethernet Controller Market for the Commercial Vertical, By Type, 2013-2022 (USD Million)
Table 39 Power Over Ethernet Controller Market for the Residential Vertical, By Application, 2013-2022 (USD Million)
Table 40 PoE Controller Market for the Industrial Vertical, By Application, 2013-2022 (USD Million)
Table 41 PoE Controller Market for the Industrial Vertical, By Type 2013-2022 (USD Million)
Table 42 PLCC Market, By Geography 2013-2022 (USD Million)
Table 43 Power Over Ethernet Controller Market, By Geography, 2013-2022 (USD Million)
Table 44 PLCC Market in North America, By Country, 2013-2022 (USD Million)
Table 45 PLCC Market in North America, By Technology, 2013-2022 (USD Million)
Table 46 PoE Controller Market in North America, By Country, 2013-2022 (USD Million)
Table 47 PLCC Market in the U.S., By Technology, 2013-2022 (USD Million)
Table 48 Power Over Ethernet Controller Market in the U.S., By Application, 2013-2022 (USD Million)
Table 49 PLCC Market in Canada, By Technology, 2013-2022 (USD Million)
Table 50 PoE Controller Market in Canada, By Application, 2013-2022 (USD Million)
Table 51 PLCC Market in Mexico, By Technology, 2013-2022 (USD Million)
Table 52 Power Over Ethernet Controller Market in Mexico, By Application, 2013-2022 (USD Million)
Table 53 PLCC Market in Europe, By Country, 2013-2022 (USD Million)
Table 54 PLCC Market in Europe, By Technology, 2013-2022 (USD Million)
Table 55 PoE Controller Market in Europe, By Country, 2013-2022 (USD Million)
Table 56 PLCC Market in the U.K., By Technology, 2013-2022 (USD Million)
<table>
<thead>
<tr>
<th>Table</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Table 57</td>
<td>U.K.: Power Over Ethernet Controller Market Size, By Application, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 58</td>
<td>PLCC Market in Germany, By Technology, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 59</td>
<td>Power Over Ethernet Controller Market in Germany, By Application, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 60</td>
<td>PLCC Market in France, By Technology, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 61</td>
<td>PoE Controller Market in France, By Application, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 62</td>
<td>PLCC Market in Rest of Europe, By Technology, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 63</td>
<td>Power Over Ethernet Controller Market in Rest of Europe, By Application, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 64</td>
<td>PLCC Market in APAC, By Country, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 65</td>
<td>PLCC Market in APAC, By Technology, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 66</td>
<td>Power Over Ethernet Controller Market in APAC, By Country, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 67</td>
<td>PLCC Market in China, By Technology, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 68</td>
<td>PoE Controller Market in China, By Application, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 69</td>
<td>PLCC Market in Japan, By Technology, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 70</td>
<td>Power Over Ethernet Controller Market in Japan, By Application, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 71</td>
<td>PLCC Market in India, By Technology, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 72</td>
<td>PoE Controller Market in India, By Application, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 73</td>
<td>PLCC Market in Rest of APAC, By Technology, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 74</td>
<td>Power Over Ethernet Controller Market in Rest of APAC, By Application, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 75</td>
<td>PLCC Market in RoW, By Technology, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 76</td>
<td>PoE Controller Market in RoW, By Application, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 77</td>
<td>New Product Launches, 2015-2016</td>
</tr>
<tr>
<td>Table 78</td>
<td>Mergers, Acquisitions, &amp; Contracts, 2015-2016</td>
</tr>
<tr>
<td>Table 79</td>
<td>Expansions &amp; Partnerships, 2014</td>
</tr>
<tr>
<td>Table 80</td>
<td>Maxim Integrated Products, Inc.: PLCC Product Portfolio</td>
</tr>
<tr>
<td>Table 81</td>
<td>Maxim Integrated Products, Inc.: PoE Controller Product Portfolio</td>
</tr>
<tr>
<td>Table 82</td>
<td>Texas Instruments Inc.: PLCC Product Portfolio</td>
</tr>
<tr>
<td>Table 83</td>
<td>Texas Instruments Inc.: PoE Product Portfolio</td>
</tr>
<tr>
<td>Table 84</td>
<td>Stmicroelectronics N.V.: PLCC Product Portfolio</td>
</tr>
<tr>
<td>Table 85</td>
<td>Stmicroelectronics N.V.: PoE Product Portfolio</td>
</tr>
<tr>
<td>Table 86</td>
<td>Linear Technology Corp.: PoE Controller Product Portfolio</td>
</tr>
<tr>
<td>Table 87</td>
<td>Cypress Semiconductor Corp.: PLCC Product Portfolio</td>
</tr>
<tr>
<td>Table 88</td>
<td>Broadcom Corp.: PLCC Product Portfolio</td>
</tr>
<tr>
<td>Table 89</td>
<td>Broadcom Corp.: PoE Controller Product Portfolio</td>
</tr>
<tr>
<td>Table 90</td>
<td>Semtech Corp.: PLCC Product Portfolio</td>
</tr>
<tr>
<td>Table 91</td>
<td>ABB Ltd.: PLCC Product Portfolio</td>
</tr>
<tr>
<td>Table 92</td>
<td>D-Link Corp.: PLCC Product Portfolio</td>
</tr>
<tr>
<td>Table 93</td>
<td>Microsemi Corp.: PLCC Product Portfolio</td>
</tr>
<tr>
<td>Table 94</td>
<td>Microsemi Corp.: PoE Controller Product Portfolio</td>
</tr>
<tr>
<td>Table 95</td>
<td>on Semiconductor Corp.: PLCC Product Portfolio</td>
</tr>
<tr>
<td>Table 96</td>
<td>on Semiconductor Corp.: PoE Product Portfolio</td>
</tr>
<tr>
<td>Table 97</td>
<td>Atmel Corp.: PLCC Product Portfolio</td>
</tr>
<tr>
<td>Table 98</td>
<td>Yitran Technologies Ltd.: PLCC Product Portfolio</td>
</tr>
</tbody>
</table>

List of Figures (77 Figures)

- Figure 1 Market Scope: Power Line Carrier Communication
- Figure 2 Market Scope: Power Over Ethernet Controller
- Figure 3 Years Considered in the Report
- Figure 4 Global Power Line Carrier Communication Market: Research Design
- Figure 5 Global Power Over Ethernet Controller Market: Research Design
- Figure 6 Breakdown of Primaries
- Figure 7 Power Line Carrier Communication and Power Over Ethernet Controller Market Size Estimation Methodology: Bottom-Up Approach
- Figure 8 Power Line Carrier Communication and Power Over Ethernet Controller Market Size Estimation Methodology: Top-Down Approach
- Figure 9 Data Triangulation
- Figure 10 Snapshot of the Power Over Ethernet Controller Market (USD Million)
- Figure 11 Snapshot of the Power Line Carrier Communication Market (USD Million)
- Figure 12 PoE Controller Market: Connectivity Application Expected to Lead During the Forecast Period
- Figure 13 Power Over Ethernet Controller: North America Held the Largest Share of the PoE Controller Market in 2015
- Figure 14 PLCC: PLCC Market in APAC Expected to Grow at the Highest Rate During the Forecast Period
- Figure 15 PLCC Market Expected to Grow at A High CAGR Between 2016 and 2022
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