

Europe Machine Learning Chip Market (2016 - 2022)

<https://marketpublishers.com/r/E7F3C2B866BEN.html>

Date: April 2017

Pages: 77

Price: US\$ 1,500.00 (Single User License)

ID: E7F3C2B866BEN

Abstracts

Machine learning chip is a kind of multiprocessor system which enables the machines to gain human-like intelligence without the need of explicit programming. With the human-like intelligence, the chips are endowed with features such as learning, reasoning, and self-correction. Additionally, machine learning algorithms also use the feedback data to identify the patterns in the new data and accordingly adjust program actions. The machine learning chips facilitate continuous development of computing through exposure to new scenarios, testing, and adaptation.

Machine learning chips can be incorporated into a highly insensitive data transmission platform. Nevertheless, insufficient skilled workforce would have an adverse impact on the performance. The implementation of a reliable and effective technology in the future would reduce complexity. Market leaders have developed low-cost, compact, affordable, and energy-efficient chips to significantly increase the efficiency and durability of the applications. Unprecedented growth in the demand for automated chips is an opportunity to explore for market players. Huge amount of complex data, growth in portable electronic market, and rapid growth in the adoption of Internet of Things (IoT) are the major factors that drive the Europe machine learning chip market.

The Europe machine learning chip market is segmented based on type, application, and country. Based on type, the market is segmented into GPU chip, neuromorphic chip, flash based chip, and FPGA chip. Based on the applications the market is segmented into consumer electronics, automotive, healthcare, robotics, and others. Based on country, Machine Learning Chip market is segmented into Germany, UK, France, Russia, Spain, Italy and Rest of Europe. Germany remained the dominant country in the Europe Machine Learning Chip market in 2015. France and Russia would witness promising CAGR during the forecast period (2016-2022).

The report covers the analysis of key stake holders of the Machine Learning Chip

market. Key companies profiled in the report include Wave Computing, Graphcore Ltd., Google Inc, Intel Corporation, IBM Corporation, Nvidia Corporation, Qualcomm Inc., and Taiwan Semiconductor Manufacturing Company Ltd.

Contents

CHAPTER 1. MARKET SCOPE & METHODOLOGY

- 1.1 Market Definition
- 1.2 Objectives
- 1.3 Market Scope
- 1.4 Segmentation
 - 1.4.1 Europe Machine Learning Chip Market, by Type
 - 1.4.2 Europe Machine Learning Chip Market, by Application
 - 1.4.3 Europe Machine Learning Chip Market, by Country
- 1.5 Methodology for the research

CHAPTER 2. EXECUTIVE SUMMARY

CHAPTER 3. MARKET OVERVIEW

- 3.1 Introduction
- 3.2 Drivers, Restraints and Opportunities
 - 3.2.1 Market Drivers
 - 3.2.2 Market Restraints

CHAPTER 4. EUROPE MACHINE LEARNING CHIP MARKET

- 4.1 Europe Machine Learning Chip Market by Type
 - 4.1.1 Europe Machine Learning Chip in Neuromorphic Chip by Country
 - 4.1.2 Europe Machine Learning Chip in Graphics Processing Unit (GPU) Chip by Country
 - 4.1.3 Europe Machine Learning Chip in Flash Based Chip by Country
 - 4.1.4 Europe Machine Learning Chip in Field Programmable Gate Array (FPGA) Chip by Country

CHAPTER 5. EUROPE MACHINE LEARNING CHIP MARKET BY APPLICATION

- 5.1 Introduction
 - 5.1.1 Europe Machine Learning Chip in Robotics Industry Market by Country
 - 5.1.2 Europe Machine Learning Chip in Automotive Market by Country
 - 5.1.3 Europe Machine Learning Chip in Consumer Electronics Market by Country
 - 5.1.4 Europe Machine Learning Chip in Healthcare Market by Country

5.1.5 Europe Machine Learning Chip in Other Application Market by Country

CHAPTER 6. EUROPE MACHINE LEARNING CHIP MARKET BY COUNTRY

6.1 Introduction

6.2 Germany Machine Learning Chip Market

6.2.1 Germany Machine Learning Chip Market by Type

6.2.2 Germany Machine Learning Chip Market by Application

6.3 UK Machine Learning Chip Market

6.3.1 UK Machine Learning Chip Market by Type

6.3.2 UK Machine Learning Chip Market by Application

6.4 France Machine Learning Chip Market

6.4.1 France Machine Learning Chip Market by Type

6.4.2 France Machine Learning Chip Market by Application

6.5 Russia Machine Learning Chip Market

6.5.1 Russia Machine Learning Chip Market by Type

6.5.2 Russia Machine Learning Chip Market by Application

6.6 Spain Machine Learning Chip Market

6.6.1 Spain Machine Learning Chip Market by Type

6.6.2 Spain Machine Learning Chip Market by Application

6.7 Italy Machine Learning Chip Market

6.7.1 Italy Machine Learning Chip Market by Type

6.7.2 Italy Machine Learning Chip Market by Application

6.8 Rest of Europe Machine Learning Chip Market

6.8.1 Rest of Europe Machine Learning Chip Market by Type

6.8.2 Rest of Europe Machine Learning Chip Market by Application

CHAPTER 7. COMPANY PROFILES

7.1 IBM Corporation

7.1.1 Company Overview

7.1.2 Financial Analysis

7.1.3 Regional & Segmental Analysis

7.1.4 Research & Development

7.2 Intel Corporation

7.2.1 Company Overview

7.2.2 Financial Analysis

7.2.3 Segmental Analysis

7.2.4 Research & Development

7.3 NVIDIA Corporation.

7.3.1 Company Overview

7.3.2 Financial Analysis

7.3.3 Segmental and Regional Analysis

7.3.4 Research & Development Expense

7.4 Advanced Micro Devices, Inc.

7.4.1 Company Overview

7.4.2 Financial Analysis

7.4.3 Segmental and Regional Analysis

7.4.4 Research & Development Expense

7.5 Google Inc.

7.5.1 Company Overview

7.5.2 Financial Analysis

7.5.3 Business Segment and Regional Analysis

7.5.4 Research and Development Cost

7.6 Taiwan Semiconductor Manufacturing Company, Limited.

7.6.1 Company Overview

7.6.2 Financial Analysis

7.6.3 Segmental and Regional Analysis

7.6.4 Research & Development Expense

7.7 Qualcomm Atheros Inc.

7.7.1 Company Overview

7.7.2 Financial Analysis

7.7.3 Segmental and Regional Analysis

7.7.4 Research & Development Expense

7.8 WAVE COMPUTING

7.8.1 Company Overview

7.9 GRAPHCORE LTD

7.9.1 Company Overview

List Of Tables

LIST OF TABLES

TABLE 1 EUROPE MACHINE LEARNING CHIP MARKET, 2012 - 2015, USD MILLION

TABLE 2 EUROPE MACHINE LEARNING CHIP MARKET, 2016 - 2022, USD MILLION

TABLE 3 EUROPE MACHINE LEARNING CHIP MARKET BY TYPE, 2012 - 2015, USD MILLION

TABLE 4 EUROPE MACHINE LEARNING CHIP MARKET BY TYPE, 2016 - 2022, USD MILLION

TABLE 5 EUROPE MACHINE LEARNING CHIP IN NEUROMORPHIC CHIP BY COUNTRY, 2012 - 2015, USD MILLION

TABLE 6 EUROPE MACHINE LEARNING CHIP IN NEUROMORPHIC CHIP BY COUNTRY, 2016 - 2022, USD MILLION

TABLE 7 EUROPE MACHINE LEARNING CHIP IN GRAPHICS PROCESSING UNIT (GPU) CHIP BY COUNTRY, 2012 - 2015, USD MILLION

TABLE 8 EUROPE MACHINE LEARNING CHIP IN GRAPHICS PROCESSING UNIT (GPU) CHIP BY COUNTRY, 2016 - 2022, USD MILLION

TABLE 9 EUROPE MACHINE LEARNING CHIP IN FLASH BASED CHIP BY COUNTRY, 2012 - 2015, USD MILLION

TABLE 10 EUROPE MACHINE LEARNING CHIP IN FLASH BASED CHIP BY COUNTRY, 2016 - 2022, USD MILLION

TABLE 11 EUROPE MACHINE LEARNING CHIP IN FIELD PROGRAMMABLE GATE ARRAY (FPGA) CHIP BY COUNTRY, 2012 - 2015, USD MILLION

TABLE 12 EUROPE MACHINE LEARNING CHIP IN FIELD PROGRAMMABLE GATE ARRAY (FPGA) CHIP BY COUNTRY, 2016 - 2022, USD MILLION

TABLE 13 EUROPE MACHINE LEARNING CHIP MARKET BY APPLICATION, 2012 - 2015, USD MILLION

TABLE 14 EUROPE MACHINE LEARNING CHIP MARKET BY APPLICATION, 2016 - 2022, USD MILLION

TABLE 15 EUROPE MACHINE LEARNING CHIP IN ROBOTICS INDUSTRY MARKET BY COUNTRY, 2012 - 2015, USD MILLION

TABLE 16 EUROPE MACHINE LEARNING CHIP IN ROBOTICS INDUSTRY MARKET BY COUNTRY, 2016 - 2022, USD MILLION

TABLE 17 EUROPE MACHINE LEARNING CHIP IN AUTOMOTIVE MARKET BY COUNTRY, 2012 - 2015, USD MILLION

TABLE 18 EUROPE MACHINE LEARNING CHIP IN AUTOMOTIVE MARKET BY COUNTRY, 2016 - 2022, USD MILLION

TABLE 19 EUROPE MACHINE LEARNING CHIP IN CONSUMER ELECTRONICS

MARKET BY COUNTRY, 2012 - 2015, USD MILLION

TABLE 20 EUROPE MACHINE LEARNING CHIP IN CONSUMER ELECTRONICS

MARKET BY COUNTRY, 2016 - 2022, USD MILLION

TABLE 21 EUROPE MACHINE LEARNING CHIP IN HEALTHCARE MARKET BY

COUNTRY, 2012 - 2015, USD MILLION

TABLE 22 EUROPE MACHINE LEARNING CHIP IN HEALTHCARE MARKET BY

COUNTRY, 2016 - 2022, USD MILLION

TABLE 23 EUROPE MACHINE LEARNING CHIP IN OTHER APPLICATION MARKET

BY COUNTRY, 2012 - 2015, USD MILLION

TABLE 24 EUROPE MACHINE LEARNING CHIP IN OTHER APPLICATION MARKET

BY COUNTRY, 2016 - 2022, USD MILLION

TABLE 25 EUROPE MACHINE LEARNING CHIP MARKET BY COUNTRY, 2012 -
2015, USD MILLION

TABLE 26 EUROPE MACHINE LEARNING CHIP MARKET BY COUNTRY, 2016 -
2022, USD MILLION

TABLE 27 GERMANY MACHINE LEARNING CHIP MARKET, 2012 - 2015, USD
MILLION

TABLE 28 GERMANY MACHINE LEARNING CHIP MARKET, 2016 - 2022, USD
MILLION

TABLE 29 GERMANY MACHINE LEARNING CHIP MARKET BY TYPE, 2012 - 2015,
USD MILLION

TABLE 30 GERMANY MACHINE LEARNING CHIP MARKET BY TYPE, 2016 - 2022,
USD MILLION

TABLE 31 GERMANY MACHINE LEARNING CHIP MARKET BY APPLICATION, 2012
- 2015, USD MILLION

TABLE 32 GERMANY MACHINE LEARNING CHIP MARKET BY APPLICATION, 2016
- 2022, USD MILLION

TABLE 33 UK MACHINE LEARNING CHIP MARKET, 2012 - 2015, USD MILLION

TABLE 34 UK MACHINE LEARNING CHIP MARKET, 2016 - 2022, USD MILLION

TABLE 35 UK MACHINE LEARNING CHIP MARKET BY TYPE, 2012 - 2015, USD
MILLION

TABLE 36 UK MACHINE LEARNING CHIP MARKET BY TYPE, 2016 - 2022, USD
MILLION

TABLE 37 UK MACHINE LEARNING CHIP MARKET BY APPLICATION, 2012 - 2015,
USD MILLION

TABLE 38 UK MACHINE LEARNING CHIP MARKET BY APPLICATION, 2016 - 2022,
USD MILLION

TABLE 39 FRANCE MACHINE LEARNING CHIP MARKET, 2012 - 2015, USD
MILLION

TABLE 40 FRANCE MACHINE LEARNING CHIP MARKET, 2016 - 2022, USD MILLION

TABLE 41 FRANCE MACHINE LEARNING CHIP MARKET BY TYPE, 2012 - 2015, USD MILLION

TABLE 42 FRANCE MACHINE LEARNING CHIP MARKET BY TYPE, 2016 - 2022, USD MILLION

TABLE 43 FRANCE MACHINE LEARNING CHIP MARKET BY APPLICATION, 2012 - 2015, USD MILLION

TABLE 44 FRANCE MACHINE LEARNING CHIP MARKET BY APPLICATION, 2016 - 2022, USD MILLION

TABLE 45 RUSSIA MACHINE LEARNING CHIP MARKET, 2012 - 2015, USD MILLION

TABLE 46 RUSSIA MACHINE LEARNING CHIP MARKET, 2016 - 2022, USD MILLION

TABLE 47 RUSSIA MACHINE LEARNING CHIP MARKET BY TYPE, 2012 - 2015, USD MILLION

TABLE 48 RUSSIA MACHINE LEARNING CHIP MARKET BY TYPE, 2016 - 2022, USD MILLION

TABLE 49 RUSSIA MACHINE LEARNING CHIP MARKET BY APPLICATION, 2012 - 2015, USD MILLION

TABLE 50 RUSSIA MACHINE LEARNING CHIP MARKET BY APPLICATION, 2016 - 2022, USD MILLION

TABLE 51 SPAIN MACHINE LEARNING CHIP MARKET, 2012 - 2015, USD MILLION

TABLE 52 SPAIN MACHINE LEARNING CHIP MARKET, 2016 - 2022, USD MILLION

TABLE 53 SPAIN MACHINE LEARNING CHIP MARKET BY TYPE, 2012 - 2015, USD MILLION

TABLE 54 SPAIN MACHINE LEARNING CHIP MARKET BY TYPE, 2016 - 2022, USD MILLION

TABLE 55 SPAIN MACHINE LEARNING CHIP MARKET BY APPLICATION, 2012 - 2015, USD MILLION

TABLE 56 SPAIN MACHINE LEARNING CHIP MARKET BY APPLICATION, 2016 - 2022, USD MILLION

TABLE 57 ITALY MACHINE LEARNING CHIP MARKET, 2012 - 2015, USD MILLION

TABLE 58 ITALY MACHINE LEARNING CHIP MARKET, 2016 - 2022, USD MILLION

TABLE 59 ITALY MACHINE LEARNING CHIP MARKET BY TYPE, 2012 - 2015, USD MILLION

TABLE 60 ITALY MACHINE LEARNING CHIP MARKET BY TYPE, 2016 - 2022, USD MILLION

TABLE 61 ITALY MACHINE LEARNING CHIP MARKET BY APPLICATION, 2012 - 2015, USD MILLION

TABLE 62 ITALY MACHINE LEARNING CHIP MARKET BY APPLICATION, 2016 -

2022, USD MILLION

TABLE 63 REST OF EUROPE MACHINE LEARNING CHIP MARKET, 2012 - 2015,
USD MILLION

TABLE 64 REST OF EUROPE MACHINE LEARNING CHIP MARKET, 2016 - 2022,
USD MILLION

TABLE 65 REST OF EUROPE MACHINE LEARNING CHIP MARKET BY TYPE, 2012 -
2015, USD MILLION

TABLE 66 REST OF EUROPE MACHINE LEARNING CHIP MARKET BY FUNCTION,
2016 - 2022, USD MILLION

TABLE 67 REST OF EUROPE MACHINE LEARNING CHIP MARKET BY
APPLICATION, 2012 - 2015, USD MILLION

TABLE 68 REST OF EUROPE MACHINE LEARNING CHIP MARKET BY
APPLICATION, 2016 - 2022, USD MILLION

TABLE 69 KEY INFORMATION - IBM CORPORATION

TABLE 70 KEY INFORMATION - INTEL CORPORATION

TABLE 71 KEY INFORMATION – NVIDIA CORPORATION.

TABLE 72 KEY INFORMATION – ADVANCED MICRO DEVICES, INC.

TABLE 73 KEY INFORMATION - GOOGLE INC.

TABLE 74 KEY INFORMATION – TAIWAN SEMICONDUCTOR MANUFACTURING
COMPANY, LIMITED.

TABLE 75 KEY INFORMATION – QUALCOMM Atheros INC.

TABLE 76 KEY INFORMATION – WAVE COMPUTING

TABLE 77 KEY INFORMATION – GRAPHCORE LTD

I would like to order

Product name: Europe Machine Learning Chip Market (2016 - 2022)

Product link: <https://marketpublishers.com/r/E7F3C2B866BEN.html>

Price: US\$ 1,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/E7F3C2B866BEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970