

Global Engine control unit marketSize study, by Application, ECU Capacity (16-bit, 32-bit, 64 bit), Propulsion (BEVs, HEVs, ICE), Level of Autonomous Driving, (Autonomous Vehicles, ConventionalVehicles, Semi-Autonomous Vehicles) Vehicle Type (LDV, HCV, Construction & Mining Equipment, Agricultural Tractors), and Regional Forecasts 2021-2027

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Abstracts

Global Engine control unit market is valued approximately USD xx billion in 2020 and is anticipated to grow with a healthy growth rate of more than xx % over the forecast period 2021-2027. An engine control unit (ECU) basically controls a series of moving devices such as actuators on an internal combustion engine which also enhance the engine performance. It collects data from multitude of sensors within the engine bay and adjust the engine actuators. Increasing Demand for Electric Vehicles fuels the global engine control unit market. For instance, as per the Journal of Global EV Outlook 2020, in 2019, the sales of electric cars generated 2.1 million globally surpassing 2018. It was already a record year to enhance the stock to 7.2 million electric cars. Electric cars market which accounted for 2.6% of overall car sales and about 1% of global car stock in 2019, recorded a 40% increase every year. Rising Incorporation of Advanced Safety, and Comfort Systems and Convenience. pushes the market growth However, chances of operation failure in ECUs performance impedes the growth of the market over the forecast period of 2021-2027. Also, growing rate of Installation of technically advanced applications in Mid-Range and Luxury Vehicles is likely to increase the market growth during the forecast period.

The regional analysis of Global Engine control unit market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America and Rest of the World. Asia Pacific is the leading region across the world in terms of market share owing to increasing demand and production of electric cars and passenger vehicles. Whereas Asia-Pacific is also anticipated to exhibit highest growth rate over the forecast period 2021-2027. Factors such as increasing rate of installation of technically advanced applications in luxurious and mid-range vehicles would create lucrative growth prospects for the Engine control unit market across Asia-Pacific region.

Major market player included in this report are:

Continental

Bosch

Aptiv

Denso Corporation

Autoliv

Mitsubishi Electric

Magneti Marelli

ZF

Hitachi

Lear

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Application:

ADAS & Safety System

Body Control & Comfort System

Infotainment & Communication System

Powertrain System

By ECU Capacity:

16-bit

32-bit

64 bits

By Propulsion:

BEVS

Hybrid Vehicles

ICE Vehicles

By Level of Autonomous Driving:

Autonomous Vehicles

Conventional Vehicles

Semi-Autonomous Vehicles

By Vehicle Type:

Light Duty Vehicles

Heavy Commercial Vehicles

Construction And Mining Equipment

Agricultural Tractor

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Global Engine control unit marketSize study, by Application, ECU Capacity (16-bit, 32-bit, 64 bit), Propulsion...

Historical year – 2018, 2019

Base year – 2020

Forecast period – 2021 to 2027

Target Audience of the Global Engine control unit marketin Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2027 (USD Billion)
 - 1.2.1. Engine control unit market, by Region, 2019-2027 (USD Billion)
 - 1.2.2. Engine control unit market, by Application,2019-2027 (USD Billion)
 - 1.2.3. Engine control unit market, by ECU capacity 2019-2027 (USD Billion)
 - 1.2.4. Engine control unit market, by Propulsion,2019-2027 (USD Billion)
 - 1.2.5. Engine control unit market, by Level of Autonomous Driving ,2019-2027 (USD Billion)
 - 1.2.6. Engine control unit market, by Vehicle Type,2019-2027 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL ENGINE CONTROL UNIT MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL ENGINE CONTROL UNIT MARKET DYNAMICS

- 3.1. Engine control unit market Impact Analysis (2019-2027)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Increasing demand of electric vehicles.
 - 3.1.1.2. Rising incorporation of advanced safety, and comfort systems and convenience
 - 3.1.2. Market Challenges
 - 3.1.2.1. Due to operation Failure in ECUs performance.
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Growing rate of installation of technically advanced applications in mid-range and luxury vehicles.

CHAPTER 4. GLOBAL ENGINE CONTROL UNIT MARKET INDUSTRY ANALYSIS

4.1. Porter's 5 Force Model

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model (2018-2027)

4.2. PEST Analysis

- 4.2.1. Political
- 4.2.2. Economical
- 4.2.3. Social
- 4.2.4. Technological

4.3. Investment Adoption Model

4.4. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL ENGINE CONTROL UNIT MARKET, BY APPLICATION

5.1. Market Snapshot

5.2. Global Engine control unit market by Application, Performance - Potential Analysis

5.3. Global Engine control unit market Estimates & Forecasts by Application 2018-2027 (USD Billion)

5.4. Engine control unit market, Sub Segment Analysis

- 5.4.1. ADAS & Safety System
- 5.4.2. Body Control & Comfort System
- 5.4.3. Infotainment & Communication System
- 5.4.4. Powertrain System

CHAPTER 6. GLOBAL ENGINE CONTROL UNIT MARKET, BY ECU CAPACITY

6.1. Market Snapshot

6.2. Global Engine control unit market by ECU Capacity, Performance - Potential Analysis

6.3. Global Engine control unit market Estimates & Forecasts by ECU Capacity 2018-2027 (USD Billion)

6.4. Engine control unit market, Sub Segment Analysis

- 6.4.1. 16-bit

- 6.4.2. 32-bit
- 6.4.3. 64 bits

CHAPTER 7. GLOBAL ENGINE CONTROL UNIT MARKET, BY PROPULSION

- 7.1. Market Snapshot
- 7.2. Global Engine control unit market by Propulsion, Performance - Potential Analysis
- 7.3. Global Engine control unit market Estimates & Forecasts by Propulsion 2018-2027 (USD Billion)
- 7.4. Engine control unit market, Sub Segment Analysis
 - 7.4.1. BEVs
 - 7.4.2. HEVs
 - 7.4.3. ICE

CHAPTER 8. GLOBAL ENGINE CONTROL UNIT MARKET, BY VEHICLE

- 8.1. Market Snapshot
- 8.2. Global Engine control unit market by Vehicle, Performance - Potential Analysis
- 8.3. Global Engine control unit market Estimates & Forecasts by Vehicle, 2018-2027 (USD Billion)
- 8.4. Engine control unit market, Sub Segment Analysis
 - 8.4.1. LDV
 - 8.4.2. HCV
 - 8.4.3. Construction & Mining Equipment
 - 8.4.4. Agricultural Tractors

CHAPTER 9. GLOBAL ENGINE CONTROL UNIT MARKET, BY LEVEL OF AUTONOMOUS DRIVING

- 9.1. Market Snapshot
- 9.2. Global Engine control unit market by Level of Autonomous Driving, Performance - Potential Analysis
- 9.3. Global Engine control unit market Estimates & Forecasts by Level of Autonomous Driving, 2018-2027 (USD Billion)
- 9.4. Engine control unit market, Sub Segment Analysis
 - 9.4.1. Autonomous Vehicles
 - 9.4.2. Conventional Vehicles,
 - 9.4.3. Semi-Autonomous Vehicles

CHAPTER 10. GLOBAL ENGINE CONTROL UNIT MARKET, REGIONAL ANALYSIS

- 10.1. Engine control unit market, Regional Market Snapshot
- 10.2. North America Engine control unit market
 - 10.2.1. U.S.Engine control unit market
 - 10.2.1.1. Application breakdown estimates & forecasts, 2018-2027
 - 10.2.1.2. Ecu Capacity breakdown estimates & forecasts, 2018-2027
 - 10.2.1.3. Propulsion breakdown estimates & forecasts, 2018-2027
 - 10.2.1.4. Vehicle Type breakdown estimates & forecasts, 2018-2027
 - 10.2.1.5. Level of Autonomous Driving breakdown estimates & forecasts, 2018-2027
 - 10.2.2. CanadaEngine control unit market
- 10.3. Europe Engine control unit market Snapshot
 - 10.3.1. U.K. Engine control unit market
 - 10.3.2. Germany Engine control unit market
 - 10.3.3. France Engine control unit market
 - 10.3.4. Spain Engine control unit market
 - 10.3.5. Italy Engine control unit market
 - 10.3.6. Rest of EuropeEngine control unit market
- 10.4. Asia-PacificEngine control unit market Snapshot
 - 10.4.1. China Engine control unit market
 - 10.4.2. India Engine control unit market
 - 10.4.3. JapanEngine control unit market
 - 10.4.4. Australia Engine control unit market
 - 10.4.5. South Korea Engine control unit market
 - 10.4.6. Rest of Asia PacificEngine control unit market
- 10.5. Latin America Engine control unit market Snapshot
 - 10.5.1. Brazil Engine control unit market
 - 10.5.2. Mexico Engine control unit market
- 10.6. Rest of The World Engine control unit market

CHAPTER 11. COMPETITIVE INTELLIGENCE

- 11.1. Top Market Strategies
- 11.2. Company Profiles
 - 11.2.1. Continental
 - 11.2.1.1. Key Information
 - 11.2.1.2. Overview
 - 11.2.1.3. Financial (Subject to Data Availability)
 - 11.2.1.4. Product Summary

- 11.2.1.5. Recent Developments
- 11.2.2. Bosch
- 11.2.3. Aptiv
- 11.2.4. Denso Corporation
- 11.2.5. Autoliv
- 11.2.6. Mitsubishi Electric
- 11.2.7. Magneti Marelli
- 11.2.8. ZF
- 11.2.9. Hitachi
- 11.2.10. Lear

CHAPTER 12. RESEARCH PROCESS

- 12.1. Research Process
 - 12.1.1. Data Mining
 - 12.1.2. Analysis
 - 12.1.3. Market Estimation
 - 12.1.4. Validation
 - 12.1.5. Publishing
- 12.2. Research Attributes
- 12.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Engine control unit market, report scope

TABLE 2. Global Engine control unit market estimates & forecasts by Region
2018-2027 (USDBillion)

TABLE 3. Global Engine control unit market estimates & forecasts byService2018-2027
(USDBillion)

TABLE 4. Global Engine control unit market estimates & forecasts by Application
2018-2027 (USDBillion)

TABLE 5. Global Engine control unit market estimates & forecasts by ECU capacity
2018-2027 (USDBillion)

TABLE 6.

TABLE 7. Global Engine control unit market estimates & forecasts by Propulsion
2018-2027 (USDBillion)

TABLE 8. Global Engine control unit market estimates & forecasts by Level Of
Autonomous Driving 2018-2027 (USDBillion)

TABLE 9. Global Engine control unit market by segment, estimates & forecasts,
2018-2027 (USDBillion)

TABLE 10. Global Engine control unit market by region, estimates & forecasts,
2018-2027 (USDBillion)

TABLE 11. Global Engine control unit market by segment, estimates & forecasts,
2018-2027 (USDBillion)

TABLE 12. Global Engine control unit market by region, estimates & forecasts,
2018-2027 (USDBillion)

TABLE 13. Global Engine control unit market by segment, estimates & forecasts,
2018-2027 (USDBillion)

TABLE 14. Global Engine control unit market by region, estimates & forecasts,
2018-2027 (USDBillion)

TABLE 15. Global Engine control unit market by segment, estimates & forecasts,
2018-2027 (USDBillion)

TABLE 16. Global Engine control unit market by region, estimates & forecasts,
2018-2027 (USDBillion)

TABLE 17. Global Engine control unit market by segment, estimates & forecasts,
2018-2027 (USDBillion)

TABLE 18. Global Engine control unit market by region, estimates & forecasts,
2018-2027 (USDBillion)

TABLE 19. U.S. Engine control unit market estimates & forecasts, 2018-2027
(USDBillion)

TABLE 20. U.S. Engine control unit market estimates & forecasts by segment
2018-2027 (USDBillion)

TABLE 21. U.S. Engine control unit market estimates & forecasts by segment
2018-2027 (USDBillion)

TABLE 22. Canada Engine control unit market estimates & forecasts, 2018-2027
(USDBillion)

TABLE 23. Canada Engine control unit market estimates & forecasts by segment
2018-2027 (USDBillion)

TABLE 24. Canada Engine control unit market estimates & forecasts by segment
2018-2027 (USDBillion)

TABLE 25. UK Engine control unit market estimates & forecasts, 2018-2027
(USDBillion)

TABLE 26. UK Engine control unit market estimates & forecasts by segment 2018-2027
(USDBillion)

TABLE 27. UK Engine control unit market estimates & forecasts by segment 2018-2027
(USDBillion)

TABLE 28. Germany Engine control unit market estimates & forecasts, 2018-2027
(USDBillion)

TABLE 29. Germany Engine control unit market estimates & forecasts by segment
2018-2027 (USDBillion)

TABLE 30. Germany Engine control unit market estimates & forecasts by segment
2018-2027 (USDBillion)

TABLE 31. RoE Engine control unit market estimates & forecasts, 2018-2027
(USDBillion)

TABLE 32. RoE Engine control unit market estimates & forecasts by segment
2018-2027 (USDBillion)

TABLE 33. RoE Engine control unit market estimates & forecasts by segment
2018-2027 (USDBillion)

TABLE 34. China Engine control unit market estimates & forecasts, 2018-2027
(USDBillion)

TABLE 35. China Engine control unit market estimates & forecasts by segment
2018-2027 (USDBillion)

TABLE 36. China Engine control unit market estimates & forecasts by segment
2018-2027 (USDBillion)

TABLE 37. India Engine control unit market estimates & forecasts, 2018-2027
(USDBillion)

TABLE 38. India Engine control unit market estimates & forecasts by segment

2018-2027 (USDBillion)

TABLE 39. India Engine control unit market estimates & forecasts by segment

2018-2027 (USDBillion)

TABLE 40. Japan Engine control unit market estimates & forecasts, 2018-2027

(USDBillion)

TABLE 41. Japan Engine control unit market estimates & forecasts by segment

2018-2027 (USDBillion)

TABLE 42. Japan Engine control unit market estimates & forecasts by segment

2018-2027 (USDBillion)

TABLE 43. RoAPAC Engine control unit market estimates & forecasts, 2018-2027

(USDBillion)

TABLE 44. RoAPAC Engine control unit market estimates & forecasts by segment

2018-2027 (USDBillion)

TABLE 45. RoAPAC Engine control unit market estimates & forecasts by segment

2018-2027 (USDBillion)

TABLE 46. Brazil Engine control unit market estimates & forecasts, 2018-2027

(USDBillion)

TABLE 47. Brazil Engine control unit market estimates & forecasts by segment

2018-2027 (USDBillion)

TABLE 48. Brazil Engine control unit market estimates & forecasts by segment

2018-2027 (USDBillion)

TABLE 49. Mexico Engine control unit market estimates & forecasts, 2018-2027

(USDBillion)

TABLE 50. Mexico Engine control unit market estimates & forecasts by segment

2018-2027 (USDBillion)

TABLE 51. Mexico Engine control unit market estimates & forecasts by segment

2018-2027 (USDBillion)

TABLE 52. RoLA Engine control unit market estimates & forecasts, 2018-2027

(USDBillion)

TABLE 53. RoLA Engine control unit market estimates & forecasts by segment

2018-2027 (USDBillion)

TABLE 54. RoLA Engine control unit market estimates & forecasts by segment

2018-2027 (USDBillion)

TABLE 55. Row Engine control unit market estimates & forecasts, 2018-2027

(USDBillion)

TABLE 56. Row Engine control unit market estimates & forecasts by segment

2018-2027 (USDBillion)

TABLE 57. Row Engine control unit market estimates & forecasts by segment

2018-2027 (USDBillion)

TABLE 58. List of secondary sources, used in the study of global Engine control unit market

TABLE 59. List of primary sources, used in the study of global Engine control unit market

TABLE 60. Years considered for the study

TABLE 61. Exchange rates considered

List Of Figures

LIST OF FIGURES

- FIG 1. Global Engine control unit market, research methodology
- FIG 2. Global Engine control unit market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Engine control unit market, key trends 2020
- FIG 5. Global Engine control unit market, growth prospects 2021-2027
- FIG 6. Global Engine control unit market, porters 5 force model
- FIG 7. Global Engine control unit market, pest analysis
- FIG 8. Global Engine control unit market, value chain analysis
- FIG 9. Global Engine control unit market by segment, 2018& 2027 (USDBillion)
- FIG 10. Global Engine control unit market by segment, 2018& 2027 (USDBillion)
- FIG 11. Global Engine control unit market by segment, 2018& 2027 (USDBillion)
- FIG 12. Global Engine control unit market by segment, 2018& 2027 (USDBillion)
- FIG 13. Global Engine control unit market by segment, 2018& 2027 (USDBillion)
- FIG 14. Global Engine control unit market, regional snapshot 2018& 2027
- FIG 15. North America Engine control unit market2018& 2027 (USDBillion)
- FIG 16. Europe Engine control unit market2018& 2027 (USDBillion)
- FIG 17. Asia pacific Engine control unit market2018& 2027 (USDBillion)
- FIG 18. Latin America Engine control unit market2018& 2027 (USDBillion)
- FIG 19. Global Engine control unit market, company market share analysis (2020)

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