

# **ADAS and Autonomous Driving Component Market- A Global and Regional Analysis: Focus on Component Type, Vehicle Type, Applications (by Level of Autonomy), Country-Level Analysis, and Impact of COVID-19**

<https://marketpublishers.com/r/A27CA03BB970EN.html>

Date: March 2021

Pages: 252

Price: US\$ 5,000.00 (Single User License)

ID: A27CA03BB970EN

## **Abstracts**

Hard copy option is available on any of the options above at an additional charge of \$500. Please email us at [order@marketpublishers.com](mailto:order@marketpublishers.com) with your request.

Market Report Coverage - ADAS and Autonomous Driving Component

Market Segmentation

Application Type – By Vehicle Type (Passenger Cars, Light Commercial Vehicles, Heavy Trucks, and Heavy Buses)

By Level of Autonomy - Level 1, Level 2, Level 3, Level 4, Level 5

Component Type – Camera, Radar, LiDAR, ECU, and Ultrasonic Sensor

Regional Segmentation

North America - U.S., Canada, and Mexico

Europe – Germany, Netherlands, and Rest-of-Europe

Asia-Pacific and Japan (APJ) – Japan, South Korea, and Rest-of-APJ

U.K.

China

Middle East and Africa

South America

### Growth Drivers

Increasing Technological Developments and Advancements in ADAS systems

Rising Development in Connected Infrastructure and Intelligent Transportation System

Demand for ADAS Features in Commercial Vehicles

Growing Concerns and Measures Over Road Safety

### Market Challenges

Reliability Issues and Rising Cyber Threats in Autonomous Vehicle

High Cost Associated with LiDARs

Lack of Government Rules and Regulations in Developing Regions

Impact of Coronavirus Disease (COVID-19) on ADAS and Autonomous Driving Equipment

### Market Opportunities

Impact of 5G Technology Enhancing Autonomous Driving Components

Increasing Adoption of Autonomous Vehicles in Shared Mobility

## Rising Focus Toward Vehicle Platooning

### Key Companies Profiled

Continental AG, Robert Bosch GmbH, Autoliv, Denso Corporation, Aptiv Plc, Texas Instruments, Analog Devices Inc., Intel Corporation, LeddarTech Inc., Magna International Inc., Quanergy Systems Inc., Velodyne LiDAR, Inc., ZF Friedrichshafen AG, and Valeo

### Key Questions Answered in this Report:

What is the size of the ADAS and autonomous driving component market in terms of value and volume, and what is the expected CAGR for the period 2020-2030?

Which companies are the major players in the ADAS and autonomous driving component market? What are the key market strategies being adopted by them?

What is the revenue generated by the different ADAS and autonomous driving components such as camera, ultrasonic sensors, radar, LiDAR, and ECU during 2020-2030?

Which global factors are changing the dynamics of the ADAS and autonomous driving component market?

What is the revenue generated by the different regions, such as North America, Europe, Asia-Pacific, South America, and Middle East and Africa?

### Market Overview

The ADAS and autonomous driving component market is driven by the increasing technological developments and advancements in ADAS systems, rising developments in connected infrastructure and intelligent transportation system, demand for ADAS features in commercial vehicles, and growing concerns and measures over road safety. However, reliability issues, rising cyber threats in autonomous vehicles, high cost associated with LiDARs, and lack of government rules and regulations in developing

regions, are limiting the market growth.

The global ADAS and autonomous driving component market research provides a detailed perspective on the different types of products, their applications, value and volume estimation, among others. The principal purpose of this market analysis is to examine the ADAS and autonomous driving component market in terms of factors driving the market, restraints, trends, and opportunities, among others.

The report further considers the market dynamics, supply chain analysis, and the detailed product contribution of the key players operating in the market. The global ADAS and autonomous driving component market report is a compilation of different segments, including market breakdown by product type, application, region, and country.

The ADAS and autonomous driving component market segmentation (on the basis of component type) is further categorized into camera, radar, LiDAR, ultrasonic sensor, and ECU.

The ADAS and autonomous driving component market on the basis of level of autonomy is segregated into Level 1, Level 2, Level 3, Level 4, and Level 5.

The ADAS and autonomous driving component market on the basis of vehicle type is segregated into passenger vehicles, light commercial vehicles, heavy trucks, and heavy buses.

The ADAS and autonomous driving component market segmentation by region is segregated under seven major regions, namely, North America, Europe, China, Asia-Pacific and Japan, Middle East and Africa, South America, and the U.K.

### Competitive Landscape

The global ADAS and autonomous driving component market competitive landscape consist of different strategies undertaken by key players across the industry to gain traction and market share presence. Some strategies adopted by the service providers are new product launches, business expansions, mergers, partnerships, and collaborations. Among all these strategies adopted, business expansion is the popular choice of the strategy implemented in the ADAS and autonomous driving component market. Some of the most prominent ecosystem players are Continental AG, Robert Bosch GmbH, Autoliv, Denso Corporation, Aptiv Plc, Texas Instruments, Analog

Devices Inc., Intel Corporation, LeddarTech Inc., Magna International Inc., Quanergy Systems Inc., Velodyne LiDAR, Inc., ZF Friedrichshafen AG, and Valeo.

## Contents

### 1 MARKETS

#### 1.1 Industry Outlook

##### 1.1.1 Overview

###### 1.1.1.1 ADAS Overview

###### 1.1.1.2 Autonomous Driving Overview

#### 1.2 Current Laws and Regulatory Bodies Related to Autonomous Vehicles by Country

##### 1.2.1 Current Laws and Regulatory Bodies Related to Testing or Experimentation of Autonomous Vehicles by Country

##### 1.2.2 Regulatory Agencies for Driverless Vehicle

#### 1.3 Supply Chain Analysis

##### 1.3.1 Supply Chain Analysis: Camera

##### 1.3.2 Supply Chain Analysis: Radar

##### 1.3.3 Supply Chain Analysis: Ultrasonic Sensors

##### 1.3.4 Supply Chain Analysis: LiDAR

##### 1.3.5 Supply Chain Analysis: ECU

#### 1.4 Business Dynamics

##### 1.4.1 Market Drivers

###### 1.4.1.1 Increasing Technological Developments and Advancements in ADAS Systems

###### 1.4.1.2 Rising Developments in Connected Infrastructure and Intelligent Transportation System

###### 1.4.1.3 Demand for ADAS Features in Commercial Vehicles

###### 1.4.1.4 Growing Concerns and Measures Over Road Safety

##### 1.4.2 Market Restraints

###### 1.4.2.1 Reliability Issues and Rising Cyber Threats in Autonomous Vehicle

###### 1.4.2.2 High Cost Associated with LiDARs

###### 1.4.2.3 Lack of Government Rules and Regulations in Developing Regions

###### 1.4.2.4 Impact of Coronavirus Disease (COVID-19) on ADAS and Autonomous

##### Driving Component Market

##### 1.4.3 Business Strategies

###### 1.4.3.1 Product Development

###### 1.4.3.2 Business Expansion

##### 1.4.4 Corporate Strategies

###### 1.4.4.1 Mergers and Acquisitions

##### 1.4.5 Key Developments by Automotive OEMs, Autonomous Technology Providers, and Software Providers in Autonomous Driving Industry

#### 1.4.6 Market Opportunities

- 1.4.6.1 Impact of 5G Technology Enhancing Autonomous Driving Components
- 1.4.6.2 Increasing Adoption of Autonomous Vehicles in Shared Mobility
- 1.4.6.3 Rising Focus Toward Vehicle Platooning

## **2 APPLICATION**

### 2.1 ADAS and Autonomous Driving Component Market (by Application)

#### 2.1.1 ADAS and Autonomous Driving Component Market (by Level of Autonomy)

- 2.1.1.1 Level 1 (Advance Driving Assist System - ADAS)
- 2.1.1.2 Level 2 (Partial Automation)
- 2.1.1.3 Level 3 (Conditional Automation)
- 2.1.1.4 Level 4 (High Automation)
- 2.1.1.5 Level 5 (Full Automation)

#### 2.1.2 Global ADAS and Autonomous Driving Component Market (by Vehicle Type)

- 2.1.2.1 Passenger Vehicle
- 2.1.2.2 Light Commercial Vehicle
- 2.1.2.3 Heavy Trucks
- 2.1.2.4 Heavy Buses

### 2.2 Demand Analysis for ADAS and Autonomous Driving Component Market (by Application), 2019-2030

#### 2.2.1 Demand Analysis for ADAS and Autonomous Driving Component Market (by Level of Autonomy), 2019-2030

- 2.2.1.1 Level 1 Autonomy
- 2.2.1.2 Level 2 Autonomy
- 2.2.1.3 Level 3 Autonomy
- 2.2.1.4 Level 4 Autonomy
- 2.2.1.5 Level 5 Autonomy

#### 2.2.2 Demand Analysis for ADAS and Autonomous Driving Component Market (by Vehicle Type)

- 2.2.2.1 Passenger Vehicles
- 2.2.2.2 Light Commercial Vehicles
- 2.2.2.3 Heavy Trucks
- 2.2.2.4 Heavy Buses

## **3 PRODUCTS**

### 3.1 Global ADAS and Autonomous Driving Component Market (by Component)

#### 3.1.1 Camera

- 3.1.1.1 Camera Market (by Function)
  - 3.1.1.1.1 Front-View Camera
  - 3.1.1.1.2 Rear-View Camera
  - 3.1.1.1.3 Side-View Camera
  - 3.1.1.1.4 In-Vehicle Camera
- 3.1.1.2 Camera Market by Type
  - 3.1.1.2.1 Monocular Camera
  - 3.1.1.2.2 Stereo-Vision Camera
- 3.1.2 Radar
  - 3.1.2.1 Global ADAS and Autonomous Driving Radar Market (by Type)
    - 3.1.2.1.1 Ultra-Short-Range Radar
    - 3.1.2.1.2 Short-Range Radar
    - 3.1.2.1.3 Medium-Range Radar
    - 3.1.2.1.4 Long-Range Radar
- 3.1.3 Light Detection and Ranging
  - 3.1.3.1 LiDAR Market (by Type)
    - 3.1.3.1.1 Mechanical LiDAR
    - 3.1.3.1.2 Solid-State LiDAR
- 3.1.4 Electronic Control Unit
  - 3.1.4.1 ECU Market (by Capacity)
    - 3.1.4.1.1 16-bit ECU
    - 3.1.4.1.2 32-bit ECU
    - 3.1.4.1.3 64-bit ECU
- 3.1.5 Ultrasonic Sensor
- 3.2 Demand Analysis for ADAS and Autonomous Driving Component Market (by Component Type)
  - 3.2.1 Camera
  - 3.2.2 Radar
  - 3.2.3 LiDAR
  - 3.2.4 Electronic Control Unit
  - 3.2.5 Ultrasonic Sensor
- 3.3 Pricing Analysis
  - 3.3.1 Introduction
  - 3.3.2 Camera
  - 3.3.3 Radar
  - 3.3.4 LiDAR
  - 3.3.5 Ultrasonic Sensor
  - 3.3.6 ECU
- 3.4 Patent Analysis



### 3.4.1 Introduction

### 3.4.2 Patent Landscape

#### 3.4.2.1 Patent Landscape: ADAS and Autonomous Driving Radar

#### 3.4.2.2 Patent Landscape: ADAS and Autonomous Driving Camera

#### 3.4.2.3 Patent Landscape: ADAS and Autonomous Driving LiDAR

#### 3.4.2.4 Patent Landscape: ADAS and Autonomous Driving ECU

#### 3.4.2.5 Patent Landscape: ADAS and Autonomous Driving Ultrasonic Sensor

## 4 REGION

### 4.1 North America

#### 4.1.1 Market

##### 4.1.1.1 Key Manufacturers and Suppliers in North America

##### 4.1.1.2 Business Challenges

##### 4.1.1.3 Business Drivers

#### 4.1.2 Application

4.1.2.1 North America ADAS and Autonomous Driving Component Market Demand (by Application), Volume and Value Data

4.1.2.2 North America ADAS and Autonomous Driving Component Market Demand (Level of Autonomy by Vehicle Type), Volume and Value Data

#### 4.1.3 Product

4.1.3.1 North America ADAS and Autonomous Driving Component Market Demand (by Component Type), Volume Data

#### 4.1.4 North America (by Country)

##### 4.1.4.1 U.S.

###### 4.1.4.1.1 Market

###### 4.1.4.1.1.1 Buyers Attributes

###### 4.1.4.1.1.2 Key Manufactures and Suppliers in the U.S.

###### 4.1.4.1.1.3 Business Challenges

###### 4.1.4.1.1.4 Business Drivers

###### 4.1.4.1.2 Application

4.1.4.1.2.1 U.S. ADAS and Autonomous Driving Component Market Demand (by Application), Volume and Value Data

###### 4.1.4.1.3 Product

4.1.4.1.3.1 U.S. ADAS and Autonomous Driving Component Market (by Component Type), Volume Data

##### 4.1.4.2 Canada

###### 4.1.4.2.1 Market

###### 4.1.4.2.1.1 Buyers Attributes

- 4.1.4.2.1.2 Key Manufactures and Suppliers in Canada
- 4.1.4.2.1.3 Business Challenges
- 4.1.4.2.1.4 Business Drivers
- 4.1.4.2.2 Application
  - 4.1.4.2.2.1 Canada ADAS and Autonomous Driving Component Market Demand (by Application), Volume and Value Data
- 4.1.4.2.3 Product
  - 4.1.4.2.3.1 Canada ADAS and Autonomous Driving Component Market (by Component Type), Volume Data
- 4.1.4.3 Mexico
  - 4.1.4.3.1 Market
    - 4.1.4.3.1.1 Buyer Attributes
    - 4.1.4.3.1.2 Key Manufacturers and Suppliers in Mexico
    - 4.1.4.3.1.3 Business Challenges
    - 4.1.4.3.1.4 Business Drivers
  - 4.1.4.3.2 Application
    - 4.1.4.3.2.1 Mexico ADAS and Autonomous Driving Component Market Demand (by Application), Volume and Value Data
  - 4.1.4.3.3 Product
    - 4.1.4.3.3.1 Mexico ADAS and Autonomous Driving Component Market (by Component Type), Volume Data
- 4.2 Europe
  - 4.2.1 Market
    - 4.2.1.1 Key Manufacturers and Suppliers in Europe
    - 4.2.1.2 Business Challenges
    - 4.2.1.3 Business Drivers
  - 4.2.2 Application
    - 4.2.2.1 Europe ADAS and Autonomous Driving Component Market Demand (by Application), Volume and Value Data
    - 4.2.2.2 Europe ADAS and Autonomous Driving Component Market Demand (Level of Autonomy by Vehicle Type), Volume and Value Data
  - 4.2.3 Product
    - 4.2.3.1 Europe ADAS and Autonomous Driving Component Market Demand (by Component Type), Volume Data
  - 4.2.4 Europe (by Country)
    - 4.2.4.1 Germany
      - 4.2.4.1.1 Market
        - 4.2.4.1.1.1 Buyers Attributes
        - 4.2.4.1.1.2 Key Manufactures and Suppliers in Germany

- 4.2.4.1.1.3 Business Challenges
- 4.2.4.1.1.4 Business Drivers
- 4.2.4.1.2 Application
  - 4.2.4.1.2.1 Germany ADAS and Autonomous Driving Component Market Demand (by Application), Volume and Value Data
- 4.2.4.1.3 Product
  - 4.2.4.1.3.1 Germany ADAS and Autonomous Driving Component Market (by Component Type), Volume and Value Data
- 4.2.4.2 Netherlands
  - 4.2.4.2.1 Market
    - 4.2.4.2.1.1 Buyers Attributes
    - 4.2.4.2.1.2 Key Manufactures and Suppliers in the Netherlands
    - 4.2.4.2.1.3 Business Challenges
    - 4.2.4.2.1.4 Business Drivers
  - 4.2.4.2.2 Application
    - 4.2.4.2.2.1 Netherlands ADAS and Autonomous Driving Component Market Demand (by Application), Volume and Value Data
  - 4.2.4.2.3 Product
    - 4.2.4.2.3.1 Netherlands ADAS and Autonomous Driving Component Market (by Component Type), Volume Data
- 4.2.4.3 Rest-of-Europe
  - 4.2.4.3.1 Application
    - 4.2.4.3.1.1 Rest-of-Europe ADAS and Autonomous Driving Component Market Demand (by Application), Volume and Value Data
  - 4.2.4.3.2 Product
    - 4.2.4.3.2.1 Rest-of-Europe ADAS and Autonomous Driving Component Market (by Component Type), Volume Data
- 4.3 U.K.
  - 4.3.1 Market
    - 4.3.1.1 Buyers Attributes
    - 4.3.1.2 Key Manufacturers and Suppliers in the U.K.
    - 4.3.1.3 Business Challenges
    - 4.3.1.4 Business Drivers
  - 4.3.2 Application
    - 4.3.2.1 U.K. ADAS and Autonomous Driving Component Market Demand (by Application), Volume and Value Data
    - 4.3.2.2 U.K. ADAS and Autonomous Driving Component Market Demand (Level of Autonomy by Vehicle Type), Volume and Value Data
  - 4.3.3 Product

- 4.3.3.1 U.K. ADAS and Autonomous Driving Component Market Demand (by Component Type), Volume Data
- 4.4 Asia-Pacific and Japan (APJ)
  - 4.4.1 Market
    - 4.4.1.1 Key Manufacturers and Suppliers in Asia-Pacific and Japan
    - 4.4.1.2 Business Challenges
    - 4.4.1.3 Business Drivers
  - 4.4.2 Application
    - 4.4.2.1 APJ ADAS and Autonomous Driving Component Market Demand (by Application), Volume and Value Data
    - 4.4.2.2 APJ ADAS and Autonomous Driving Component Market Demand (Level of Autonomy by Vehicle Type), Volume and Value Data
  - 4.4.3 Product
    - 4.4.3.1 APJ ADAS and Autonomous Driving Component Market Demand (by Component Type), Volume Data
  - 4.4.4 Asia-Pacific and Japan (by Country)
    - 4.4.4.1 Japan
      - 4.4.4.1.1 Market
        - 4.4.4.1.1.1 Buyers Attributes
        - 4.4.4.1.1.2 Key Manufactures and Suppliers in Japan
        - 4.4.4.1.1.3 Business Challenges
        - 4.4.4.1.1.4 Business Drivers
      - 4.4.4.1.2 Application
        - 4.4.4.1.2.1 Japan ADAS and Autonomous Driving Component Market Demand (by Application), Volume and Value Data
      - 4.4.4.1.3 Product
        - 4.4.4.1.3.1 Japan ADAS and Autonomous Driving Component Market (by Component Type), Volume Data
    - 4.4.4.2 South Korea
      - 4.4.4.2.1 Market
        - 4.4.4.2.1.1 Buyers Attributes
        - 4.4.4.2.1.2 Key Manufactures and Suppliers in South Korea
        - 4.4.4.2.1.3 Business Challenges
        - 4.4.4.2.1.4 Business Drivers
      - 4.4.4.2.2 Application
        - 4.4.4.2.2.1 South Korea ADAS and Autonomous Driving Component Market Demand (by Application), Volume and Value Data
      - 4.4.4.2.3 Product
        - 4.4.4.2.3.1 South Korea ADAS and Autonomous Driving Component Market (by

## Component Type), Volume Data

### 4.4.4.3 Rest-of-Asia-Pacific and Japan

#### 4.4.4.3.1 Market

##### 4.4.4.3.1.1 Buyers Attributes

##### 4.4.4.3.1.2 Key Manufactures and Suppliers in Rest-of-Asia-Pacific and Japan

##### 4.4.4.3.1.3 Business Challenges

##### 4.4.4.3.1.4 Business Drivers

#### 4.4.4.3.2 Application

##### 4.4.4.3.2.1 Rest-of-APJ ADAS and Autonomous Driving Component Market

## Demand (by Application), Volume and Value Data

### 4.4.4.3.3 Product

#### 4.4.4.3.3.1 Rest-of-APJ ADAS and Autonomous Driving Component Market (by

## Component Type), Volume Data

## 4.5 China

### 4.5.1 Market

#### 4.5.1.1 Buyers Attributes

#### 4.5.1.2 Key Manufacturers and Suppliers in China

#### 4.5.1.3 Business Challenges

#### 4.5.1.4 Business Drivers

### 4.5.2 Application

#### 4.5.2.1 China ADAS and Autonomous Driving Component Market Demand (by Application), Volume and Value Data

#### 4.5.2.2 China ADAS and Autonomous Driving Component Market Demand (Level of Autonomy by Vehicle Type), Volume and Value Data

### 4.5.3 Product

#### 4.5.3.1 China ADAS and Autonomous Driving Component Market Demand (by Component Type), Volume Data

## 4.6 South America

### 4.6.1 Market

#### 4.6.1.1 Buyers Attributes

#### 4.6.1.2 Key Manufacturers and Suppliers in South America

#### 4.6.1.3 Business Challenges

#### 4.6.1.4 Business Drivers

### 4.6.2 Application

#### 4.6.2.1 South America ADAS and Autonomous Driving Component Market Demand (by Application), Volume and Value Data

#### 4.6.2.2 South America ADAS and Autonomous Driving Component Market Demand (Level of Autonomy by Vehicle Type), Volume and Value Data

### 4.6.3 Product

4.6.3.1 South America ADAS and Autonomous Driving Component Market Demand (by Component Type), Volume Data

4.7 Middle East and Africa

4.7.1 Market

4.7.1.1 Buyers Attributes

4.7.1.2 Key Manufacturers and Suppliers in Middle East and Africa

4.7.1.3 Business Challenges

4.7.1.4 Business Drivers

4.7.2 Application

4.7.2.1 MEA ADAS and Autonomous Driving Component Market Demand (by Application), Volume and Value Data

4.7.2.2 MEA ADAS and Autonomous Driving Component Market Demand (Level of Autonomy by Vehicle Type), Volume and Value Data

4.7.3 Product

4.7.3.1 MEA ADAS and Autonomous Driving Component Market Demand (by Component Type), Volume Data

## **5 MARKETS - COMPETITIVE BENCHMARKING & COMPANY PROFILES**

5.1 Competitive Benchmarking

5.2 Company Profiles

5.2.1 Analog Devices, Inc.

5.2.1.1 Company Overview

5.2.1.1.1 Product Portfolio

5.2.1.2 Business Strategies

5.2.1.2.1 Market Development

5.2.1.3 Competitive Position

5.2.1.3.1 Strengths of the Company

5.2.1.3.2 Weaknesses of the Company

5.2.2 Aptiv

5.2.2.1 Company Overview

5.2.2.1.1 Product Portfolio

5.2.2.2 Corporate Strategies

5.2.2.2.1 Partnerships and Collaborations

5.2.2.3 Competitive Position

5.2.2.3.1 Strengths of the Company

5.2.2.3.2 Weakness of the Company

5.2.3 Continental AG

5.2.3.1 Company Overview

- 5.2.3.1.1 Product Portfolio
- 5.2.3.2 Corporate Strategies
  - 5.2.3.2.1 Partnerships and Collaborations
- 5.2.3.3 Competitive Position
  - 5.2.3.3.1 Strengths of the Company
  - 5.2.3.3.2 Weakness of the Company
- 5.2.4 Robert Bosch GmbH
  - 5.2.4.1 Company Overview
    - 5.2.4.1.1 Product Portfolio
  - 5.2.4.2 Competitive Position
    - 5.2.4.2.1 Strengths of the Company
    - 5.2.4.2.2 Weaknesses of the Company
- 5.2.5 ZF Friedrichshafen AG
  - 5.2.5.1 Company Overview
    - 5.2.5.1.1 Product Portfolio
  - 5.2.5.2 Corporate Strategies
    - 5.2.5.2.1 Partnerships and Collaborations
  - 5.2.5.3 Competitive Position
    - 5.2.5.3.1 Strengths of the Company
    - 5.2.5.3.2 Weaknesses of the Company
- 5.2.6 Valeo
  - 5.2.6.1 Company Overview
    - 5.2.6.1.1 Product Portfolio
  - 5.2.6.2 Corporate Strategies
    - 5.2.6.2.1 Partnerships and Collaborations
  - 5.2.6.3 Competitive Position
    - 5.2.6.3.1 Strengths of the Company
    - 5.2.6.3.2 Weakness of the Company
- 5.2.7 Texas Instruments Incorporated
  - 5.2.7.1 Company Overview
    - 5.2.7.1.1 Product Portfolio
  - 5.2.7.2 Competitive Position
    - 5.2.7.2.1 Strengths of the Company
    - 5.2.7.2.2 Weaknesses of the Company
- 5.2.8 Denso Corporation
  - 5.2.8.1 Company Overview
    - 5.2.8.1.1 Product Portfolio
  - 5.2.8.2 Competitive Position
    - 5.2.8.2.1 Strengths of the Company

- 5.2.8.2.2 Weaknesses of the Company
- 5.2.9 Infineon Technologies
  - 5.2.9.1 Company Overview
    - 5.2.9.1.1 Product Portfolio
  - 5.2.9.2 Competitive Position
    - 5.2.9.2.1 Strengths of the Company
    - 5.2.9.2.2 Weaknesses of the Company
- 5.2.10 Intel Corporation
  - 5.2.10.1 Company Overview
    - 5.2.10.1.1 Product Portfolio
  - 5.2.10.2 Competitive Position
    - 5.2.10.2.1 Strengths of the Company
    - 5.2.10.2.2 Weaknesses of the Company
- 5.2.11 LeddarTech Inc.
  - 5.2.11.1 Company Overview
    - 5.2.11.1.1 Product Portfolio
  - 5.2.11.2 Corporate Strategies
    - 5.2.11.2.1 Partnerships and Collaborations
  - 5.2.11.3 Competitive Position
    - 5.2.11.3.1 Strengths of the Company
    - 5.2.11.3.2 Weaknesses of the Company
- 5.2.12 Magna International Inc.
  - 5.2.12.1 Company Overview
    - 5.2.12.1.1 Product Portfolio
  - 5.2.12.2 Competitive Position
    - 5.2.12.2.1 Strengths of the Company
    - 5.2.12.2.2 Weaknesses of the Company
- 5.2.13 Quanergy Systems Inc.
  - 5.2.13.1 Company Overview
    - 5.2.13.1.1 Product Portfolio
  - 5.2.13.2 Corporate Strategies
    - 5.2.13.2.1 Partnerships and Collaborations
  - 5.2.13.3 Competitive Position
    - 5.2.13.3.1 Strengths of the Company
    - 5.2.13.3.2 Weakness of the Company
- 5.2.14 Autoliv Inc.
  - 5.2.14.1 Company Overview
    - 5.2.14.1.1 Product Portfolio
  - 5.2.14.3 Competitive Position



- 5.2.14.3.1 Strengths of the Company
- 5.2.14.3.2 Weaknesses of the Company
- 5.2.15 Velodyne LiDAR, Inc.
  - 5.2.15.1 Company Overview
    - 5.2.15.1.1 Product Portfolio
  - 5.2.15.2 Corporate Strategies
    - 5.2.15.2.1 Partnerships and Collaborations
  - 5.2.15.3 Competitive Position
    - 5.2.15.3.1 Strengths of the Company
    - 5.2.15.3.2 Weaknesses of the Company

## **6 RESEARCH METHODOLOGY**

- 6.1 Data Sources
  - 6.1.1 Primary Data Sources
  - 6.1.2 Secondary Data Sources
  - 6.1.3 Data Triangulation
- 6.2 Market Estimation and Forecast
  - 6.2.1 Factors for Data Prediction and Modeling

## List Of Figures

### LIST OF FIGURES

Figure 1: Global ADAS and Autonomous Driving Component Market, 2019-2030

Figure 2: Global ADAS and Autonomous Driving Component Market: Coverage

Figure 3: Level of Autonomy: Autonomous Vehicle

Figure 4: Supply Chain Analysis: ADAS and Autonomous Driving Component

Figure 5: Camera: Supply Chain Analysis

Figure 6: Supply Chain Analysis: Radar

Figure 7: Supply Chain Analysis: Ultrasonic Sensors

Figure 8: Supply Chain Analysis: LiDAR

Figure 9: Supply Chain Analysis: ECU

Figure 1: Number of Autonomous Commercial Vehicles, Million Unit, 2019-2030

Figure 2: Product Innovations and Developments (by Company), January 2017-January 2021

Figure 3: Business Expansion (by Company), January 2017-January 2021

Figure 4: Mergers and Acquisitions (by Company), January 2017-February 2021

Figure 5: Global ADAS and Autonomous Driving Component Market (by Level of Autonomy)

Figure 6: Global ADAS and Autonomous Driving Component Market, by Vehicle Type

Figure 7: Level 1 Autonomy ADAS and Autonomous Driving Component Market, \$Million and Million Units, 2019-2030

Figure 8: Level 2 Autonomy ADAS and Autonomous Driving Component Market, \$Million and Million Units, 2019-2030

Figure 9: Level 3 Autonomy ADAS and Autonomous Driving Component Market, \$Million and Million Units, 2019-2030

Figure 10: Level 4 Autonomy ADAS and Autonomous Driving Component Market, \$Million and Million Units, 2019-2030

Figure 11: Level 5 Autonomy ADAS and Autonomous Driving Component Market, \$Million and Million Units, 2019-2030

Figure 12: Passenger Vehicles ADAS and Autonomous Driving Component Market, \$Million and Million Units, 2019-2030

Figure 13: Light Commercial Vehicles ADAS and Autonomous Driving Component Market, \$Million and Million Units, 2019-2030

Figure 14: Heavy Trucks ADAS and Autonomous Driving Component Market, \$Million and Million Units, 2019-2030

Figure 15: Heavy Buses ADAS and Autonomous Driving Component Market, \$Million and Million Units, 2019-2030

Figure 16: Global ADAS and Autonomous Driving Component Market (by Component Type)

Figure 17: ADAS and Autonomous Driving Camera Market (by Function)

Figure 18: Global Automotive Front-View Camera System

Figure 19: Analysis of Image by Cameras in ADAS system

Figure 20: Global ADAS and Autonomous Driving Radar Market (by Type)

Figure 21: Global ADAS and Autonomous Driving LiDAR Market (by Type)

Figure 22: Global ADAS and Autonomous Driving ECU Market (by Capacity)

Figure 23: Global ADAS and Autonomous Driving Camera Market, \$Million and Million Units, 2019-2030

Figure 24: Global ADAS and Autonomous Driving Radar Market, \$Million and Million Units, 2019-2030

Figure 25: Global ADAS and Autonomous Driving LiDAR Market, \$Million and Million Units, 2019-2030

Figure 26: Global ADAS and Autonomous Driving Electronic Control Unit Market, \$Million and Million Units, 2019-2030

Figure 27: Global ADAS and Autonomous Driving Ultrasonic Sensor Market, \$Million and Million Units, 2019-2030

Figure 28: Average Selling Price of ADAS and Autonomous Driving Camera, 2019-2030

Figure 29: Average Selling Price of ADAS and Autonomous Driving Radar, 2019-2030

Figure 30: Average Selling Price of ADAS and Autonomous Driving LiDAR, 2019-2030

Figure 31: Average Selling Price of ADAS and Autonomous Driving Ultrasonic Sensor, 2019-2030

Figure 32: Average Selling Price of ADAS and Autonomous Driving ECU, 2019-2030

Figure 33: Patent Landscape: ADAS and Autonomous Driving Radar

Figure 34: Patent Landscape: ADAS and Autonomous Driving Camera

Figure 35: Patent Landscape: ADAS and Autonomous Driving LiDAR

Figure 36: Patent Landscape: ADAS and Autonomous Driving ECU

Figure 37: Patent Landscape: ADAS and Autonomous Driving Ultrasonic Sensor

Figure 38: North America ADAS and Autonomous Driving Component Market, 2019-2030

Figure 39: Europe ADAS and Autonomous Driving Component Market, 2019-2030

Figure 40: U.K.ADAS and Autonomous Driving Component Market, 2019-2030

Figure 41: APJ ADAS and Autonomous Driving Component Market, 2019-2030

Figure 42: China ADAS and Autonomous Driving Component Market, 2019-2030

Figure 43: South America ADAS and Autonomous Driving Component Market, 2019-2030

Figure 44: MEA ADAS and Autonomous Driving Component Market, 2019-2030

Figure 45: Analog Devices, Inc.: Product Portfolio

- Figure 46: Aptiv: Product Portfolio
- Figure 47: Continental AG Devices, Inc.: Product Portfolio
- Figure 48: Robert Bosch GmbH: Product Portfolio
- Figure 49: ZF Friedrichshafen AG: Product Portfolio
- Figure 50: Valeo: Product Portfolio
- Figure 51: Texas Instruments Incorporated.: Product Portfolio
- Figure 52: Denso Corporation: Product Portfolio
- Figure 53: Infineon Technologies: Product Portfolio
- Figure 54: Intel Corporation: Product Portfolio
- Figure 55: LeddarTech Inc.: Product Portfolio
- Figure 56: Magna International Inc.: Product Portfolio
- Figure 57: Quanergy Systems, Inc.: Product Portfolio
- Figure 58: Autoliv Inc.: Product Portfolio
- Figure 59: Velodyne LiDAR, Inc.: Product Portfolio
- Figure 60: Data Triangulation

## List Of Tables

### LIST OF TABLES

Table 1: Current Laws and Regulatory Bodies Related to Autonomous Vehicle by Country

Table 2: Current Laws and Regulatory Bodies Related to Testing or Experimentation of Autonomous Vehicles by Country

Table 3: Regulatory Agencies for Driverless Vehicle

Table 4: Global ADAS and Autonomous Driving Component Market (by Level of Autonomy), Million Units, 2019-2030

Table 5: Global ADAS and Autonomous Driving Component Market (by Level of Autonomy), \$Million, 2019-2030

Table 6: Types of ADAS and Autonomous Driving Components and Their Applications

Table 7: Difference between Monocular and Stereo-Vision Automotive Camera

Table 8: Classification of Different Radars by Detection Area

Table 9: Comparison between Mechanical LiDAR and Solid-State LiDAR

Table 10: Global ADAS and Autonomous Driving Component Market (by Component Type), \$Million, 2019-2030

Table 11: Global ADAS and Autonomous Driving Component Market (by Component Type), Million Units, 2019-2030

Table 12: Global ADAS and Autonomous Driving Camera Market (By Function), Million Units, 2019-2030

Table 13: Global ADAS and Autonomous Driving Camera Market (By Function), \$Million, 2019-2030

Table 14: Global ADAS and Autonomous Driving Component Market, by Region, Million Units, 2019-2030

Table 15: Global ADAS and Autonomous Driving Component Market, by Region, \$Million, 2019-2030

Table 16: North America ADAS and Autonomous Driving Component Market (by Level of Autonomy), Million Units, 2019-2030

Table 17: North America ADAS and Autonomous Driving Component Market (by Level of Autonomy), \$Million, 2019-2030

Table 18: North America ADAS and Autonomous Driving Component Market (Level of Autonomy by Vehicle Type), Million Units, 2019-2030

Table 19: North America ADAS and Autonomous Driving Component Market (Level of Autonomy by Vehicle Type), \$Million, 2019-2030

Table 20: North America ADAS and Autonomous Driving Component Market (by Component Type), Million Units, 2019-2030

Table 21: North America ADAS and Autonomous Driving Component Market (by Component Type), \$Million, 2019-2030

Table 22: U.S. ADAS and Autonomous Driving Component Market (by Level of Autonomy), Million Units, 2019-2030

Table 23: U.S. ADAS and Autonomous Driving Component Market (by Level of Autonomy), \$Million, 2019-2030

Table 24: U.S. ADAS and Autonomous Driving Component Market (by Component Type), Million Units, 2019-2030

Table 25: U.S. ADAS and Autonomous Driving Component Market (by Component Type), \$Million, 2019-2030

Table 26: Canada ADAS and Autonomous Driving Component Market (by Level of Autonomy), Million Units, 2019-2030

Table 27: Canada ADAS and Autonomous Driving Component Market (by Level of Autonomy), \$Million, 2019-2030

Table 28: Canada ADAS and Autonomous Driving Component Market (by Component Type), Million Units, 2019-2030

Table 29: Canada ADAS and Autonomous Driving Component Market (by Component Type), \$Million, 2019-2030

Table 30: Mexico ADAS and Autonomous Driving Component Market (by Level of Autonomy), Million Units, 2019-2030

Table 31: Mexico ADAS and Autonomous Driving Component Market (by Level of Autonomy), \$Million, 2019-2030

Table 32: Mexico ADAS and Autonomous Driving Component Market (by Component Type), Million Units, 2019-2030

Table 33: Mexico ADAS and Autonomous Driving Component Market (by Component Type), \$Million, 2019-2030

Table 34: Europe ADAS and Autonomous Driving Component Market (by Level of Autonomy), Million Units, 2019-2030

Table 35: Europe ADAS and Autonomous Driving Component Market (by Level of Autonomy), \$Million, 2019-2030

Table 36: Europe ADAS and Autonomous Driving Component Market (Level of Autonomy by Vehicle Type), Million Units, 2019-2030

Table 37: Europe ADAS and Autonomous Driving Component Market (Level of Autonomy by Vehicle Type), \$Million, 2019-2030

Table 38: Europe ADAS and Autonomous Driving Component Market (by Component Type), Million Units, 2019-2030

Table 39: Europe ADAS and Autonomous Driving Component Market (by Component Type), \$Million, 2019-2030

Table 40: Germany ADAS and Autonomous Driving Component Market (by Level of

Autonomy), Million Units, 2019-2030

Table 41: Germany ADAS and Autonomous Driving Component Market (by Level of Autonomy), \$Million, 2019-2030

Table 42: Germany ADAS and Autonomous Driving Component Market (by Component Type), Million Units, 2019-2030

Table 43: Germany ADAS and Autonomous Driving Component Market (by Component Type), \$Million, 2019-2030

Table 44: Netherlands ADAS and Autonomous Driving Component Market (by Level of Autonomy), Million Units, 2019-2030

Table 45: Netherlands ADAS and Autonomous Driving Component Market (by Level of Autonomy), \$Million, 2019-2030

Table 46: Netherlands ADAS and Autonomous Driving Component Market (by Component Type), Million Units, 2019-2030

Table 47: Netherlands ADAS and Autonomous Driving Component Market (by Component Type), \$Million, 2019-2030

Table 48: Rest-of-Europe ADAS and Autonomous Driving Component Market (by Level of Autonomy), Million Units, 2019-2030

Table 49: Rest-of-Europe ADAS and Autonomous Driving Component Market (by Level of Autonomy), \$Million, 2019-2030

Table 50: Rest-of-Europe ADAS and Autonomous Driving Component Market (by Component Type), Million Units, 2019-2030

Table 51: Rest-of-Europe ADAS and Autonomous Driving Component Market (by Component Type), \$Million, 2019-2030

Table 52: U.K. ADAS and Autonomous Driving Component Market (by Level of Autonomy), Million Units, 2019-2030

Table 53: U.K. ADAS and Autonomous Driving Component Market (by Level of Autonomy), \$Million, 2019-2030

Table 54: U.K. ADAS and Autonomous Driving Component Market (Level of Autonomy by Vehicle Type), Million Units, 2019-2030

Table 55: U.K. ADAS and Autonomous Driving Component Market (Level of Autonomy by Vehicle Type), \$Million, 2019-2030

Table 56: U.K. ADAS and Autonomous Driving Component Market (by Component Type), Million Units, 2019-2030

Table 57: U.K. ADAS and Autonomous Driving Component Market (by Component Type), \$Million, 2019-2030

Table 58: APJ ADAS and Autonomous Driving Component Market (by Level of Autonomy), Million Units, 2019-2030

Table 59: APJ ADAS and Autonomous Driving Component Market (by Level of Autonomy), \$Million, 2019-2030

Table 60: APJ ADAS and Autonomous Driving Component Market (Level of Autonomy by Vehicle Type), Million Units, 2019-2030

Table 61: APJ ADAS and Autonomous Driving Component Market (Level of Autonomy by Vehicle Type), \$Million, 2019-2030

Table 62: APJ ADAS and Autonomous Driving Component Market (by Component Type), Million Units, 2019-2030

Table 63: APJ ADAS and Autonomous Driving Component Market (by Component Type), \$Million, 2019-2030

Table 64: Japan ADAS and Autonomous Driving Component Market (by Level of Autonomy), Million Units, 2019-2030

Table 65: Japan ADAS and Autonomous Driving Component Market (by Level of Autonomy), \$Million, 2019-2030

Table 66: Japan ADAS and Autonomous Driving Component Market (by Component Type), Million Units, 2019-2030

Table 67: Japan ADAS and Autonomous Driving Component Market (by Component Type), \$Million, 2019-2030

Table 68: South Korea ADAS and Autonomous Driving Component Market (by Level of Autonomy), Million Units, 2019-2030

Table 69: South Korea ADAS and Autonomous Driving Component Market (by Level of Autonomy), \$Million, 2019-2030

Table 70: South Korea ADAS and Autonomous Driving Component Market (by Component Type), Million Units, 2019-2030

Table 71: South Korea ADAS and Autonomous Driving Component Market (by Component Type), \$Million, 2019-2030

Table 72: Rest-of-APJ ADAS and Autonomous Driving Component Market (by Level of Autonomy), Million Units, 2019-2030

Table 73: Rest-of-APJ ADAS and Autonomous Driving Component Market (by Level of Autonomy), \$Million, 2019-2030

Table 74: Rest-of-APJ ADAS and Autonomous Driving Component Market (by Component Type), Million Units, 2019-2030

Table 75: Rest-of-APJ ADAS and Autonomous Driving Component Market (by Component Type), \$Million, 2019-2030

Table 76: China ADAS and Autonomous Driving Component Market (by Level of Autonomy), Million Units, 2019-2030

Table 77: China ADAS and Autonomous Driving Component Market (by Level of Autonomy), \$Million, 2019-2030

Table 78: China ADAS and Autonomous Driving Component Market (Level of Autonomy by Vehicle Type), Million Units, 2019-2030

Table 79: China ADAS and Autonomous Driving Component Market (Level of Autonomy



by Vehicle Type), \$Million, 2019-2030

Table 80: China ADAS and Autonomous Driving Component Market (by Component Type), Million Units, 2019-2030

Table 81: China ADAS and Autonomous Driving Component Market (by Component Type), \$Million, 2019-2030

Table 82: South America ADAS and Autonomous Driving Component Market (by Level of Autonomy), Million Units, 2019-2030

Table 83: South America ADAS and Autonomous Driving Component Market (by Level of Autonomy), \$Million, 2019-2030

Table 84: South America ADAS and Autonomous Driving Component Market (Level of Autonomy by Vehicle Type), Million Units, 2019-2030

Table 85: South America ADAS and Autonomous Driving Component Market (Level of Autonomy by Vehicle Type), \$Million, 2019-2030

Table 86: South America ADAS and Autonomous Driving Component Market (by Component Type), Million Units, 2019-2030

Table 87: South America ADAS and Autonomous Driving Component Market (by Component Type), \$Million, 2019-2030

Table 88: MEA ADAS and Autonomous Driving Component Market (by Level of Autonomy), Million Units, 2019-2030

Table 89: MEA ADAS and Autonomous Driving Component Market (by Level of Autonomy), \$Million, 2019-2030

Table 90: MEA ADAS and Autonomous Driving Component Market (Level of Autonomy by Vehicle Type), Million Units, 2019-2030

Table 91: MEA ADAS and Autonomous Driving Component Market (Level of Autonomy by Vehicle Type), \$Million, 2019-2030

Table 92: MEA ADAS and Autonomous Driving Component Market (by Component Type), Million Units, 2019-2030

Table 93: MEA ADAS and Autonomous Driving Component Market (by Component Type), \$Million, 2019-2030

## I would like to order

Product name: ADAS and Autonomous Driving Component Market- A Global and Regional Analysis: Focus on Component Type, Vehicle Type, Applications (by Level of Autonomy), Country-Level Analysis, and Impact of COVID-19

Product link: <https://marketpublishers.com/r/A27CA03BB970EN.html>

Price: US\$ 5,000.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/A27CA03BB970EN.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