

# **Space-based Smart Sensors and Electronics Market – A Global and Regional Analysis: Focus on Product Type, Subsystem, Component, and Application - Analysis and Forecast, 2021-2026**

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## **Abstracts**

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### **Key Questions Answered in this Report:**

What are the major drivers, challenges, and opportunities for the global space-based smart sensors and electronics market during the forecast period 2021-2026?

In which industries (satellite, launch vehicle, and deep space probe) will space-based smart sensors and electronics components have the greatest impact in the near-term?

What are the recent trends in the space-based smart sensors and electronics segment?

Which are the key players in the global space-based smart sensors and electronics market, and what is their competitive benchmarking?

What is the expected revenue generated by the global space-based smart sensors and electronics market during the forecast period 2021-2026?

What are the strategies adopted by the key players in the market to increase their market presence in the industry?

Which application (satellite, launch vehicle, and deep space probe) in the space-based smart sensors and electronics market is expected to dominate the market in 2026?

What was the revenue generated by the global space electronics market (by component) for active component (integrated circuit, microprocessor and microcontroller, active sensors, optoelectronics), passive component (capacitors and supercapacitors, resistors, attenuators, RF passive components, inductors, and transformers), electrical power system, memory, and analog and mixed signal in 2020, and what are the estimates till 2026?

What was the revenue generated by the global space-based smart sensors and electronics market (by subsystem) - satellite bus and payload in satellites, and avionics and power system in launch vehicles and deep space probes in 2020, and what are the estimates till 2026?

What was the revenue generated by the global space electronics market (by product) (radiation-hardened and radiation-tolerant) in 2020, and what are the estimates till 2026?

What are the competitive strengths of the key players in the space-based smart sensors and electronics market?

What would be the aggravated revenue generated by the space-based smart sensors and electronics market segmented by region (North America, Europe, Asia-Pacific, and Rest-of-the-World) till 2026?

## Global Space-Based Smart Sensors and Electronics Market Forecast, 2021-2026

The space-based smart sensors and electronics industry analysis by BIS Research projects the market to have significant growth of CAGR 4.85% during the forecast period 2021-2026. North America is expected to dominate the global space-based smart sensors and electronics market with an estimated share of 44.72% in 2026. North America, including the major countries such as the U.S., is the most prominent region for the space-based smart sensors and electronics market. The presence of major players and intense competition among them makes North America the most technologically advanced region.

The global space-based smart sensors and electronics market is gaining widespread importance owing to the rising demand for small satellites, and the increasing reliability and functionality of launch vehicles and deep space probes. Moreover, the increased utilization of the commercial-of-the-shelf (COTS) component is one of the key factors that may propel the market growth in the coming years.

### Scope of the Global Space-Based Smart Sensors and Electronics Market

The purpose of the market analysis is to examine the space-based smart sensors and electronics market outlook in terms of factors driving the market, trends, technological developments, and competitive benchmarking, among others.

The report further takes into consideration the market dynamics and the competitive landscape of the key players operating in the market.

### Global Space-Based Smart Sensors and Electronics Market Segmentation

The report constitutes an extensive study of the space-based smart sensors and electronics industry. The report largely focuses on providing market information for space-based smart sensors and electronics covering various segments and regions. The space-based smart sensors and electronics market is segmented on the basis of product type, application, subsystem, component, application, and region. While highlighting the key driving and restraining forces for this market, the report also provides a detailed study of the industry. The report analyzes different applications that include satellite, launch vehicle, and deep space probe. The product type segment is segmented into radiation-hardened and radiation-tolerant. Also, the sub-system segment is segmented into satellite (payload, satellite bus), launch vehicle (avionics, power system) and deep space probe (avionics, power system). On the basis of component, the market is segmented into active component (integrated circuit, microprocessor and microcontroller, active sensors, optoelectronics), passive component (capacitors and supercapacitors, resistors, attenuators, RF passive components, inductors, and transformers), electrical power system, memory, and analog and mixed signal.

The space-based smart sensors and electronics market is segregated into four major regions, namely North America, Europe, Asia-Pacific, and Rest-of-the-World. Data for each of these regions, along with country-level analyses, is provided in the market study.

## Key Companies in the Global Space-based Smart Sensors and Electronics Industry

The key market players in the global space-based smart sensors and electronics market include Analog Device Inc, BAE Systems, Cobham plc, Data Device Corporation, Exxelia, Honeywell International, Infineon Technologies, Microchip, Micropac, Teledyne Technologies, Texas Instruments Inc., The Boeing Company, Xilinx Inc., STMicroelectronics N.V, TT Electronics, and Solid-State Devices Inc.

## Contents

### Executive Summary

## 1 MARKETS

### 1.1 Industry Outlook

- 1.1.1 Space-based Smart Sensors and Electronics Market: Overview
- 1.1.2 Evolving Commercial Off-the-Shelf (COTS) Space Components

### 1.2 Space Electronics Manufactures and Certification

### 1.3 Current and Emerging Technological Trends

- 1.3.1 AI-Based Sensors
- 1.3.2 Sun Sensors
- 1.3.3 Single Board Computer for Space Missions

### 1.4 New Space Business Scenario: A Growth Factor in the Space-based Smart Sensors and Electronics Market

- 1.4.1 Increasing Deployment of Small Satellite Market
- 1.4.2 Growth in Small Launch Vehicle Market
- 1.4.3 Deep Space Exploration Program

### 1.5 Supply Chain Analysis

### 1.6 Business Dynamics

- 1.6.1 Business Drivers
  - 1.6.1.1 Increasing Satellite Launches and Deep Space Activities
  - 1.6.1.2 Technological Advancements in Microprocessors and FPGAs.
  - 1.6.1.3 Rising Usage of Commercial Off-the-Shelf (COTS) Component

- 1.6.2 Business Challenges

- 1.6.2.1 Short-Term Challenges
    - 1.6.2.1.1 Difficulties in Creating an Actual Testing Environment
  - 1.6.2.2 Long-Term Challenges
    - 1.6.2.2.1 High Cost Associated with Development and Designing of Components

- 1.6.3 Business Opportunities

- 1.6.3.1 Rising Demand for Reconfigurable Satellite Payloads
  - 1.6.3.2 Adoption of New Material to Manufacture Space Electronics

### 1.7 Business Strategies

- 1.7.1 Product Development and Innovation
- 1.7.2 Partnership, Collaborations, Agreement and Contract
- 1.7.3 Mergers and Acquisitions
- 1.7.4 Others

## **2 APPLICATION**

### **2.1 Space-based Smart Sensors and Electronics Market (by Application)**

#### **2.1.1 Market Overview**

#### **2.1.2 Satellites**

##### **2.1.2.1 Nanosatellite and Microsatellite (0-200 Kg)**

##### **2.1.2.2 Mini and Small Satellite (201-1,200 Kg)**

##### **2.1.2.3 Medium Satellite (1,201-2,500 Kg)**

##### **2.1.2.4 Large Satellite (Above 2,500 Kg)**

##### **2.1.2.4.1 Demand Analysis of Satellites Market**

#### **2.1.3 Launch Vehicles**

##### **2.1.3.1 Demand Analysis of Launch Vehicles Market**

#### **2.1.4 Deep Space Probes**

##### **2.1.4.1 Demand Analysis of Deep Space Probes Market**

## **3 PRODUCTS**

### **3.1 Global Space-based Smart Sensors and Electronics Market (by Product Type)**

#### **3.1.1 Overview**

#### **3.1.2 Radiation-Hardened**

##### **3.1.2.1 Demand Analysis of Global Space-based Smart Sensors and Electronics Market (Radiation-Hardened)**

##### **3.1.2.2 Radiation-Hardened Space-based Smart Sensors and Electronics Market (by Application)**

#### **3.1.3 Radiation-Tolerant**

##### **3.1.3.1 Demand Analysis of Global Space-based Smart Sensors and Electronics Market (Radiation-Tolerant)**

##### **3.1.3.2 Radiation-Tolerant Space-based Smart Sensors and Electronics Market (by Application)**

### **3.2 Global Space-based Smart Sensors and Electronics Market (by Subsystem)**

#### **3.2.1 Overview**

#### **3.2.2 Satellites**

##### **3.2.2.1 Demand Analysis of Global Space-based Smart Sensors and Electronics Market (by Satellite Subsystem)**

##### **3.2.2.2 Payload**

##### **3.2.2.3 Satellite Bus**

##### **3.2.2.3.1 Telecommunication**

##### **3.2.2.3.2 On-Board Computer**

##### **3.2.2.3.3 Power System, Tracking, and Command**

- 3.2.2.3.4 Attitude Control System
- 3.2.3 Launch Vehicles
  - 3.2.3.1 Avionics
    - 3.2.3.1.1 Guidance and Navigation System
    - 3.2.3.1.2 Command and Data Handling System
    - 3.2.3.1.3 Telemetry System
  - 3.2.3.2 Power System
- 3.2.4 Deep Space Probes
  - 3.2.4.1 Avionics
    - 3.2.4.1.1 Guidance and Navigation System
    - 3.2.4.1.2 Command and Data Handling System
    - 3.2.4.1.3 Telemetry System
  - 3.2.4.2 Power System
- 3.3 Global Space-based Smart Sensors and Electronics Market (by Component)
  - 3.3.1 Market Overview
  - 3.3.2 Active Component
    - 3.3.2.1 Demand Analysis of Global Space-based Smart Sensors and Electronics Market (by Active Component)
      - 3.3.2.2 Integrated Circuit
        - 3.3.2.2.1 Discrete Semiconductor
        - 3.3.2.2.2 FPGA (Field Programmable Gate Array)
      - 3.3.2.3 Microprocessor and Microcontroller
      - 3.3.2.4 Active Sensors
        - 3.3.2.4.1 Infrared Sensor
        - 3.3.2.4.2 Pressure Sensor
        - 3.3.2.4.3 Temperature Sensor
        - 3.3.2.4.4 Motion Sensor
        - 3.3.2.4.5 Chemical and Biological Sensor
        - 3.3.2.4.6 Others
      - 3.3.2.5 Optoelectronics
    - 3.3.2.6 Passive Component
      - 3.3.2.6.1 Capacitor and Super Capacitor
      - 3.3.2.6.2 Resistor and Attenuator
      - 3.3.2.6.3 RF Passive Component
      - 3.3.2.6.4 Passive Sensor
    - 3.3.2.7 Electrical Power System
    - 3.3.2.8 Memory
    - 3.3.2.9 Analog and Mixed Signal

## 4 REGION

### 4.1 Global Space-based Smart Sensors and Electronics Market (by Region)

#### 4.2 North America

##### 4.2.1 Market

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

###### 4.2.1.2 Business Drivers

###### 4.2.1.3 Business Challenges

##### 4.2.2 Application

###### 4.2.2.1 North America Space-based Smart Sensors and Electronics Market (by Application)

##### 4.2.3 North America (by Country)

###### 4.2.3.1 U.S.

###### 4.2.3.1.1 Market

###### 4.2.3.1.1.1 Key Manufacturers in the U.S.

###### 4.2.3.1.1.2 Business Challenges

###### 4.2.3.1.1.3 Business Drivers

###### 4.2.3.1.2 Application

###### 4.2.3.1.2.1 U.S. Space-based Smart Sensors and Electronics Market (by Application)

###### 4.2.3.2 Canada

###### 4.2.3.2.1 Market

###### 4.2.3.2.1.1 Business Challenges

###### 4.2.3.2.1.2 Business Drivers

###### 4.2.3.2.2 Application

###### 4.2.3.2.2.1 Canada Space-based Smart Sensors and Electronics Market (by Application)

#### 4.3 Europe

##### 4.3.1 Market

###### 4.3.1.1 Key Manufacturers and Suppliers in Europe

###### 4.3.1.2 Business Drivers

###### 4.3.1.3 Business Challenges

##### 4.3.2 Application

###### 4.3.2.1 Europe Space-based Smart Sensors and Electronics Market (by Application)

##### 4.3.3 Europe (by Country)

###### 4.3.3.1 U.K.

###### 4.3.3.1.1 Market

###### 4.3.3.1.1.1 Key Manufacturers in the U.K

###### 4.3.3.1.1.2 Business Challenges



- 4.3.3.1.1.3 Business Drivers
- 4.3.3.1.2 Application
  - 4.3.3.1.2.1 U.K. Space-based Smart Sensors and Electronics Market (by Application)
- 4.3.3.2 France
  - 4.3.3.2.1 Market
    - 4.3.3.2.1.1 Key Manufacturers in France
    - 4.3.3.2.1.2 Business Challenges
    - 4.3.3.2.1.3 Business Drivers
  - 4.3.3.2.2 Application
    - 4.3.3.2.2.1 France Space-based Smart Sensors and Electronics Market (by Application)
- 4.3.3.3 Germany
  - 4.3.3.3.1 Key Manufacturers in Germany
  - 4.3.3.3.2 Market
    - 4.3.3.3.2.1 Business Challenges
    - 4.3.3.3.2.2 Business Drivers
  - 4.3.3.3.3 Application
    - 4.3.3.3.3.1 Germany Space-based Smart Sensors and Electronics Market (by Application)
- 4.3.3.4 Russia
  - 4.3.3.4.1 Market
    - 4.3.3.4.1.1 Business Challenges
    - 4.3.3.4.1.2 Business Drivers
  - 4.3.3.4.2 Application
    - 4.3.3.4.2.1 Russia Space-based Smart Sensors and Electronics Market (by Application)
- 4.3.3.5 Rest-of-Europe
  - 4.3.3.5.1 Market
    - 4.3.3.5.1.1 Key Manufacturers in the Rest-of-Europe
    - 4.3.3.5.1.2 Business Challenges
    - 4.3.3.5.1.3 Business Drivers
  - 4.3.3.5.2 Application
    - 4.3.3.5.2.1 Rest-of-Europe Space-based Smart Sensors and Electronics Market (by Application)
- 4.4 Asia-Pacific
  - 4.4.1 Market
    - 4.4.1.1 Key Manufacturers and Suppliers in Asia-Pacific
    - 4.4.1.2 Business Drivers

#### 4.4.1.3 Business Challenges

#### 4.4.2 Application

#### 4.4.2.1 Asia-Pacific Space-based Smart Sensors and Electronics Market (by Application)

#### 4.4.3 Asia-Pacific (by Country)

##### 4.4.3.1 China

##### 4.4.3.1.1 Market

##### 4.4.3.1.1.1 Business Challenges

##### 4.4.3.1.1.2 Business Drivers

##### 4.4.3.1.2 Application

##### 4.4.3.1.2.1 China Space-based Smart Sensors and Electronics Market (by Application)

##### 4.4.3.2 India

##### 4.4.3.2.1 Market

##### 4.4.3.2.1.1 Business Challenges

##### 4.4.3.2.1.2 Business Drivers

##### 4.4.3.2.2 Application

##### 4.4.3.2.2.1 India Space-based Smart Sensors and Electronics Market (by Application)

##### 4.4.3.3 Japan

##### 4.4.3.3.1 Market

##### 4.4.3.3.1.1 Key Manufacturers in Japan

##### 4.4.3.3.1.2 Business Challenges

##### 4.4.3.3.1.3 Business Drivers

##### 4.4.3.3.2 Application

##### 4.4.3.3.2.1 Japan Space-based Smart Sensors and Electronics Market (by Application)

##### 4.4.3.4 South Korea

##### 4.4.3.4.1 Market

##### 4.4.3.4.1.1 Business Challenges

##### 4.4.3.4.1.2 Business Drivers

##### 4.4.3.4.2 Application

##### 4.4.3.4.2.1 South Korea Space-based Smart Sensors and Electronics Market (by Application)

##### 4.4.3.5 Australia

##### 4.4.3.5.1 Market

##### 4.4.3.5.1.1 Business Challenges

##### 4.4.3.5.1.2 Business Drivers

##### 4.4.3.5.2 Application

4.4.3.5.2.1 Australia Space-based Smart Sensors and Electronics Market (by Application)

4.4.3.6 Rest-of-Asia-Pacific

4.4.3.6.1 Market

4.4.3.6.1.1 Business Challenges

4.4.3.6.1.2 Business Drivers

4.4.3.6.2 Application

4.4.3.6.2.1 Rest-of-Asia-Pacific Space-based Smart Sensors and Electronics Market (by Application)

4.5 Rest-of-the-World

4.5.1 Market

4.5.1.1 Business Drivers

4.5.1.2 Business Challenges

4.5.2 Application

4.5.2.1 Rest-of-the-World Space-based Smart Sensors and Electronics Market (by Application)

4.5.3 Rest-of-the-World (by Country)

4.5.3.1 South Africa

4.5.3.1.1 Market

4.5.3.1.1.1 Business Challenges

4.5.3.1.1.2 Business Drivers

4.5.3.1.1.3 South Africa Space-based Smart Sensors and Electronics Market

4.5.3.2 Latin America

4.5.3.2.1 Market

4.5.3.2.1.1 Business Challenges

4.5.3.2.1.2 Business Drivers

4.5.3.2.1.3 Latin America Space-based Smart Sensors and Electronics Market

4.5.3.3 Middle East

4.5.3.3.1 Market

4.5.3.3.1.1 Business Challenges

4.5.3.3.1.2 Business Drivers

4.5.3.3.1.3 Middle East Space-based Smart Sensors and Electronics Market

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

5.1 Competitive Benchmarking

5.2 Analog Devices Inc

5.2.1 Company Overview

5.2.1.1 Role of Analog Devices Inc in Global Space-based Smart Sensors and

## Electronics Market

### 5.2.1.2 Product Portfolio

### 5.2.2 Strength and Weakness of Analog Devices Inc

### 5.2.3 R&D Analysis

## 5.3 BAE Systems

### 5.3.1 Company Overview

#### 5.3.1.1 Role of BAE System in Global Space-based Smart Sensors and Electronics

## Market

### 5.3.1.2 Product Portfolio

### 5.3.2 Corporate Strategies

#### 5.3.2.1 Contracts

### 5.3.3 Strength and Weakness of BAE Systems

### 5.3.4 R&D Analysis

## 5.4 Cobham PLC (Now a Part of Advent International)

### 5.4.1 Company Overview

#### 5.4.1.1 Role of Cobham PLC in Global Space-based Smart Sensors and Electronics

## Market

### 5.4.1.2 Product Portfolio

### 5.4.2 Business Strategies

#### 5.4.2.1 Product Developments and Innovations

### 5.4.3 Strength and Weakness of Cobham PLC

## 5.5 Data Device Corporation (Transdigm)

### 5.5.1 Company Overview

#### 5.5.1.1 Role of Data Device Corporation in Global Space-based Smart Sensors and Electronics Market

### 5.5.1.2 Product Portfolio

### 5.5.2 Business Strategies

#### 5.5.2.1 Product Developments and Innovations

### 5.5.3 Strength and Weakness of Data Device Corporation

## 5.6 Exxel

### 5.6.1 Company Overview

#### 5.6.1.1 Role of Exxel in Space-based Smart Sensors and Electronics Market

### 5.6.1.2 Product Portfolio

### 5.6.2 Business Strategies

#### 5.6.2.1 Product Developments and Innovations

### 5.6.3 Strength and Weakness of Exxel

## 5.7 Honeywell International

### 5.7.1 Company Overview

#### 5.7.1.1 Role of Honeywell International in Global Space-based Smart Sensors and

## Electronics Market

### 5.7.1.2 Product Portfolio

### 5.7.2 Strength and Weakness of Honeywell International

### 5.7.3 R&D Analysis

## 5.8 Infineon Technologies

### 5.8.1 Company Overview

### 5.8.1.1 Role of Infineon Technologies in Global Space-based Smart Sensors and Electronics Market

### 5.8.1.2 Product Portfolio

### 5.8.2 Business Strategies

### 5.8.2.1 Agreements

### 5.8.3 Strength and Weakness of Infineon Technologies Inc.

## 5.9 Microchip

### 5.9.1 Company Overview

### 5.9.1.1 Role of Microchip Technology in Space-based Smart Sensors and Electronics Market

### 5.9.1.2 Product Portfolio

### 5.9.2 Business Strategies

### 5.9.3 Strength and Weakness of Microchip Technology

### 5.9.4 R&D Analysis

## 5.1 Micropac Industries

### 5.10.1 Company Overview

### 5.10.1.1 Role of Micropac Industries in Global Space-based Smart Sensors and Electronics Market

### 5.10.1.2 Product Portfolio

### 5.10.2 Strength and Weakness of Micropac Industries

## 5.11 Solid State Device Inc.

### 5.11.1 Company Overview

### 5.11.1.1 Role of Solid State Devices Inc in Global Space-based Smart Sensors and Electronics Market

### 5.11.1.2 Product Portfolio

### 5.11.2 Business Strategies

### 5.11.3 Strength and Weakness of Solid State Devices

## 5.12 STMicroelectronics N.V

### 5.12.1 Company Overview

### 5.12.1.1 Role of STMicroelectronics N.V. in Global Space-based Smart Sensors and Electronics Market

### 5.12.1.2 Product Portfolio

### 5.12.2 Business Strategies

- 5.12.3 Strength and Weakness of STMicroelectronics N.V.
- 5.13 Texas Instrument
  - 5.13.1 Company Overview
    - 5.13.1.1 Role of Texas Instrument in Global Space-based Smart Sensors and Electronics Market
    - 5.13.1.2 Product Portfolio
  - 5.13.2 Business Strategies
  - 5.13.3 Strength and Weakness of Texas Instrument
  - 5.13.4 R&D Analysis
- 5.14 Teledyne Technologies Incorporated
  - 5.14.1 Company Overview
    - 5.14.1.1 Role of Teledyne Technologies Incorporated in Global Space-based Smart Sensors and Electronics Market
    - 5.14.1.2 Product Portfolio
  - 5.14.2 Business Strategies
  - 5.14.3 Strength and Weakness of Teledyne Technologies Incorporated
- 5.15 The Boeing Company
  - 5.15.1 Company Overview
    - 5.15.1.1 Role of The Boeing Company in Global Space-based Smart Sensors and Electronics Market
    - 5.15.1.2 Product Portfolio
  - 5.15.2 Business Strategies
  - 5.15.3 Strength and Weakness of The Boeing Company
  - 5.15.4 R&D Analysis
- 5.16 TT Electronics
  - 5.16.1 Company Overview
    - 5.16.1.1 Role of TT Electronics in Global Space-based Smart Sensors and Electronics Market
    - 5.16.1.2 Product Portfolio
  - 5.16.2 Strength and Weakness of TT Electronics
  - 5.16.3 R&D Analysis
- 5.17 Xilinx Inc.
  - 5.17.1 Company Overview
    - 5.17.1.1 Role of Xilinx Inc. Electronics in Global Space-based Smart Sensors and Electronics Market
    - 5.17.1.2 Product Portfolio
  - 5.17.2 Business Strategies
  - 5.17.3 Strength and Weakness of Xilinx Inc Electronics
  - 5.17.4 R&D Analysis

## 5.18 Other Key Players

### 5.18.1 TE Connectivity

#### 5.18.1.1 Company Overview

#### 5.18.1.2 ON Semiconductor

##### 5.18.1.2.1 Company Overview

#### 5.18.1.3 Renesas Electronics Corporation

##### 5.18.1.3.1 Company Overview

## 6 RESEARCH METHODOLOGY

## List Of Figures

### LIST OF FIGURES

Figure 1: Global Space-based Smart Sensors and Electronics Market, \$Million, 2020-2026

Figure 2: Global Space-based Smart Sensors and Electronics Market (by Application), \$Million, 2020 and 2026

Figure 3: Global Space-based Smart Sensors and Electronics Market (by Product), \$Million, 2020 and 2026

Figure 4: Global Space-based Smart Sensors and Electronics Market (by Region), \$Million, 2026

Figure 5: Space-based Smart Sensors and Electronics Market Coverage

Figure 6: Small Satellite Scenario (100-2,200kg), 2020-2026

Figure 7: Global Small Launch Vehicle Scenario , 2020-2026

Figure 8: Supply Chain Analysis of Space-based Smart Sensors and Electronics Market

Figure 9: Global Space-based Smart Sensors and Electronics Market, Business Dynamics

Figure 10: Share of Key Business Strategies and Developments, 2018-2020

Figure 11: Space-based Smart Sensors and Electronics Market (by Application)

Figure 12: Classification of Satellites (by Mass)

Figure 13: Global Space-based Smart Sensors and Electronics Market (Radiation-Hardened), \$Million, 2020-2026

Figure 14: Global Space-based Smart Sensors and Electronics Market (Radiation-Hardened), \$Million, 2020-2026

Figure 15: Global Space-based Smart Sensors and Electronics Market (by Satellite Subsystem), \$Million, 2020-2026

Figure 16: Global Space-based Smart Sensors and Electronics Market (Payload Subsystem), \$Million, 2020-2026

Figure 17: Global Space-based Smart Sensors and Electronics Market (by Satellite Bus), \$Million, 2020-2026

Figure 18: Global Space-based Smart Sensors and Electronics Market (Telecommunication), \$Million, 2020-2026

Figure 19: Global Space-based Smart Sensors and Electronics Market (On-Board Computer), \$Million, 2020-2026

Figure 20: Global Space-based Smart Sensors and Electronics Market (by Power System, Tracking, and Command), \$Million, 2020-2026

Figure 21: Global Space-based Smart Sensors and Electronics Market (by Attitude Control System), \$Million, 2020-2026



Figure 22: Global Space-based Smart Sensors and Electronics Market (by Avionics), \$Million, 2020-2026

Figure 23: Global Space-based Smart Sensors and Electronics Market (Guidance and Navigation System), \$Million, 2020-2026

Figure 24: Global Space-based Smart Sensors and Electronics Market (Command and Data Handling System), \$Million, 2020-2026

Figure 25: Global Space-based Smart Sensors and Electronics Market (Telemetry System), \$Million, 2020-2026

Figure 26: Global Space-based Smart Sensors and Electronics Market (Power System), \$Million, 2020-2026

Figure 27: Global Space-based Smart Sensors and Electronics Market (by Avionics), \$Million, 2020-2026

Figure 28: Global Space-based Smart Sensors and Electronics Market (Guidance and Navigation System), \$Million, 2020-2026

Figure 29: Global Space-based Smart Sensors and Electronics Market (Command and Data Handling System), \$Million, 2020-2026

Figure 30: Global Space-based Smart Sensors and Electronics Market (Telemetry System), \$Million, 2020-2026

Figure 31: Global Space-based Smart Sensors and Electronics Market (Power System), \$Million, 2020-2026

Figure 32: Global Space-based Smart Sensors and Electronics Market (by Active Component), \$Million, 2020-2026

Figure 33: Global Space-based Smart Sensors and Electronics Market (Integrated Circuit), \$Million, 2020-2026

Figure 34: Global Space-based Smart Sensors and Electronics Market (Microprocessor and Microcontroller), \$Million, 2020-2026

Figure 35: Global Space-based Smart Sensors and Electronics Market (Active Sensor), \$Million, 2020-2026

Figure 36: Global Space-based Smart Sensors and Electronics Market (Optoelectronics), \$Million, 2020-2026

Figure 37: Global Space-based Smart Sensors and Electronics Market (Passive Component), \$Million, 2020-2026

Figure 38: Global Space-based Smart Sensors and Electronics Market (Electrical Power System), \$Million, 2020-2026

Figure 39: Global Space-based Smart Sensors and Electronics Market (Memory), \$Million, 2020-2026

Figure 40: Global Space-based Smart Sensors and Electronics Market (Analog and Mixed Signal), \$Million, 2020-2026

Figure 41: South Africa Space-based Smart Sensors and Electronics Market (by

Application), \$Million, 2020-2026

Figure 42: Latin America Space-based Smart Sensors and Electronics Market (by Application), \$Million, 2020-2026

Figure 43: Middle East Space-based Smart Sensors and Electronics Market (by Application), \$Million, 2020-2026

Figure 44: Space-based Smart Sensors and Electronics Players, Competitive Benchmarking

Figure 45: Analog Devices Inc R&D, \$Billion, 2017-2019

Figure 46: BAE Systems R&D, \$Billion, 2017-2019

Figure 47: Honeywell International Inc. R&D, \$Billion, 2017-2019

Figure 48: Microchip Technology R&D, \$Million, 2019-2020

Figure 49: Texas Instrument R&D, \$Billion, 2017-2019

Figure 50: The Boeing Company R&D (2018-2019)

Figure 51: TT Electronics R&D, \$Million, 2018-2019

Figure 52: Xilinx R&D, \$Million, 2018-2020

Figure 53: Research Methodology

Figure 54: Top-Down and Bottom-Up Approach

Figure 55: Space-based Smart Sensors and Electronics Market Influencing Factors

Figure 56: Assumptions and Limitations

## List Of Tables

### LIST OF TABLES

Table 1: List of Certification

Table 2: Expected Launches of Small Satellite Constellations by 2026

Table 3: Upcoming Space Missions:

Table 4: Comparison Between COTS and QML Rad-Hard

Table 5: Product Development and Innovation, 2018-2021

Table 6: Partnership, Collaborations, Agreement and Contract, 2018-2021

Table 7: Mergers and Acquisitions, 2018-2021

Table 8: Others, 2018-2021

Table 9: Space-based Smart Sensors and Electronics Market (by Satellite), \$Million, 2020-2026

Table 10: Space-based Smart Sensors and Electronics Market (Launch Vehicles), \$Million, 2020-2026

Table 11: Space-based Smart Sensors and Electronics Market (Deep Space Probes), \$Million, 2020-2026

Table 12: Global Space-based Smart Sensors and Electronics Market (by Product Type), \$Million, 2020-2026

Table 13: Radiation-Hardened Space-based Smart Sensors and Electronics Market (by Application), \$Million, 2020-2026

Table 14: Radiation-Tolerant Space-based Smart Sensors and Electronics Market (by Application), \$Million, 2020-2026

Table 15: Global Space-based Smart Sensors and Electronics Market (by Subsystem), \$Million, 2020-2026

Table 16: Global Space-based Smart Sensors and Electronics Market (by Component), \$Million, 2020-2026

Table 17: Global Space-based Smart Sensors and Electronics Market (by Region), \$Million, 2020-2026

Table 18: North America Space-based Smart Sensors and Electronics Market (by Application), \$Million, 2020-2026

Table 19: U.S. Space-based Smart Sensors and Electronics Market (by Application), \$Million, 2020-2026

Table 20: Canada Space-based Smart Sensors and Electronics Market (by Application), \$Million, 2020-2026

Table 21: Europe Space-based Smart Sensors and Electronics Market (by Application), \$Million, 2020-2026

Table 22: U.K. Space-based Smart Sensors and Electronics Market (by Application),

\$Million, 2020-2026

Table 23: France Space-based Smart Sensors and Electronics Market (by Application), \$Million, 2020-2026

Table 24: Germany Space-based Smart Sensors and Electronics Market (by Application), \$Million, 2020-2026

Table 25: Russia Space-based Smart Sensors and Electronics Market (by Application), \$Million, 2020-2026

Table 26: Rest-of-Europe Space-based Smart Sensors and Electronics Market (by Application), \$Million, 2020-2026

Table 27: Asia-Pacific Space-based Smart Sensors and Electronics Market (by Application), \$Million, 2020-2026

Table 28: China Space-based Smart Sensors and Electronics Market (by Application), \$Million, 2020-2026

Table 29: India Space-based Smart Sensors and Electronics Market (by Application), \$Million, 2020-2026

Table 30: Japan Space-based Smart Sensors and Electronics Market (by Application), \$Million, 2020-2026

Table 31: South Korea Space-based Smart Sensors and Electronics Market (by Application), \$Million, 2020-2026

Table 32: Australia Space-based Smart Sensors and Electronics Market (by Application), \$Million, 2020-2026

Table 33: Rest-of-Asia-Pacific Space-based Smart Sensors and Electronics Market (by Application), \$Million, 2020-2026

Table 34: Rest-of-the-World Space-based Smart Sensors and Electronics Market (by Application), \$Million, 2020-2026

Table 35: Table: Benchmarking and Weightage Parameters

Table 36: Analog Devices Inc: Product Portfolio

Table 37: BAE Systems: Product Portfolio

Table 38: BAE System Contracts

Table 39: Cobham PLC Product Portfolio

Table 40: Cobham PLC Product Developments and Innovations

Table 41: Data Device Corporation Product Portfolio

Table 42: Data Device Corporation Product Developments and Innovations

Table 43: Exxelia Product Portfolio

Table 44: Exxelia Product Developments and Innovations

Table 45: Honeywell International Product Portfolio

Table 46: Infineon Technologies Product Portfolio

Table 47: Infineon Technologies Agreements

Table 48: Microchip Technology Product Portfolio

Table 49: Acquisition
Table 50: Micropac Industries Product Portfolio
Table 51: Solid State Devices Product Portfolio
Table 52: New Product Launch
Table 53: STMicroelectronics N.V Product Portfolio
Table 54: New Product Launch
Table 55: Texas Instrument Product Portfolio
Table 56: Internal Management
Table 57: Teledyne Technologies Incorporated Product Portfolio
Table 58: Business Strategies
Table 59: The Boeing Company: Product Portfolio
Table 60: Business Strategies
Table 61: TT Electronics: Product Portfolio
Table 62: Xilinx Inc: Product Portfolio
Table 63: Business Strategies

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