

Integrated Microwave Assembly Market with COVID-19 Impact Analysis, by Product (Amplifiers, Frequency Synthesizers, Oscillators), Frequency, Vertical (Avionics, Communication, Military & Defense) and Geography - Global Forecast to 2027

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Abstracts

The integrated microwave assembly market is expected to grow from USD 1.5 billion in 2022 to USD 2.0 billion by 2027; it is expected to grow at a CAGR of 6.8% during the forecast period. The major driving factors for the growth of the integrated microwave assembly market include the growing investment in military & defense vertical by countries around the world.

Ku-Band to have the largest market size of integrated microwave assembly market during the forecast period

With the rise in the use of IoT devices, the Ku-band segment is expected to gain high traction during the forecast period. The key takeaways of this band, such as faster connection speed, better bandwidth, and clear visuals and audio, make it an ideal solution for satellite communication. As the application of Ku-band is increasing in satellite communication, the market is expected to grow witness substantial growth in North America.

Communication vertical to grow with highest CAGR during the forecast period.

The integrated microwave assembly market for the communications vertical is expected to with highest CAGR during the forecast period. Advancements in portable electronic technology have increased data consumption in the form of voice and data streaming, uploading, and downloading of videos. As a result, there is a rise in the demand for

carrier frequencies to provide high-quality communication. The deployment and adoption of 5G infrastructure in the future are expected to lead carrier frequency operators to resort to microwave backhubs. Power amplifiers are used to cater to the requirements of microwave backhubs. Hence, the demand for integrated microwave assembly products in the communications vertical is expected to increase soon with the expansion of communication infrastructure across the globe.

APAC to grow with the highest CAGR during the forecast period.

The integrated microwave assembly market in APAC is witnessing the highest growth as the demand for microwave products is rising from several manufacturing hubs in their manufacturing stages. Moreover, the military & defense vertical is improving its capabilities, fueling the demand for integrated microwave assembly products such as electronic warfare and radars. The integrated microwave assembly market in India is expected to grow at the highest CAGR during the forecast period attributed to the high investments by the government in the deployment and development of military & defense equipment and communication equipment for SATCOM applications.

In the process of determining and verifying the market size for several segments and subsegments gathered through secondary research, extensive primary interviews have been conducted with key officials in the integrated microwave assembly market. Following is the breakup of the profiles of primary participants for the report.

By Company Type: Tier 1 – 35 %, Tier 2 – 45%, and Tier 3 – 20%

By Designation: C-Level Executives – 35%,Directors- 25%, and Others – 40%

By Region: North America– 45%, APAC – 30%, Europe- 20% and RoW – 5%

The integrated microwave assembly market comprises major players such as Analog Devices (US), Teledyne Technologies (US), Qorvo (US), MACOM (US), CAES (US), CPI International (US), APITech (US), National Instruments (US), Narda-MITEQ (US), and Integrated Microwave Corporation (US), Kratos Defense & Security Solutions(US), Mercury Systems(US), Wenzel Associates(US), TTM Technologies(US), AKON(US), Microwave Dynamics(US), RAPIDTEK(TAIWAN), Linwave Technology(UK), EM Research(US), Sylatech(UK), Erzia Technologies(Spain), Triton Services(US), Wolfspeed(US), Arralis(Ireland) and VectraWave(France).

Research Coverage

The report defines, describes, and forecasts the integrated microwave assembly market based on product, frequency, vertical, and geography. It provides detailed information regarding factors such as drivers, restraints, opportunities, and challenges influencing the growth of the integrated microwave assembly market. It also analyzes competitive developments such as product launches, acquisitions, expansions, contracts, partnerships, and developments carried out by the key players to grow in the market.

Reasons to Buy This Report

The report will help leaders/new entrants in the integrated microwave assembly market in the following ways:

1. The report segments the integrated microwave assembly market comprehensively and provides the closest market size estimation for all subsegments across regions.
2. The report will help stakeholders understand the pulse of the market and provide them with information on key drivers, restraints, challenges, and opportunities about the integrated microwave assembly market.
3. The report will help stakeholders understand their competitors better and gain insights to improve their position in the integrated microwave assembly market. The competitive landscape section describes the competitor ecosystem.

Contents

1 INTRODUCTION

1.1 STUDY OBJECTIVES

1.2 DEFINITION

1.2.1 INCLUSIONS AND EXCLUSIONS

1.3 STUDY SCOPE

1.3.1 MARKETS COVERED

FIGURE 1 INTEGRATED MICROWAVE ASSEMBLY MARKET: SEGMENTATION

FIGURE 2 GEOGRAPHIC SCOPE

1.3.2 YEARS CONSIDERED

1.4 CURRENCY

1.5 LIMITATIONS

1.6 STAKEHOLDERS

2 RESEARCH METHODOLOGY

2.1 RESEARCH DATA

FIGURE 3 PROCESS FLOW: INTEGRATED MICROWAVE ASSEMBLY

MARKET SIZE ESTIMATION

FIGURE 4 INTEGRATED MICROWAVE ASSEMBLY MARKET: RESEARCH DESIGN

2.1.1 SECONDARY AND PRIMARY RESEARCH

2.1.2 SECONDARY DATA

2.1.2.1 Secondary sources

2.1.2.2 Key secondary sources

2.1.3 PRIMARY DATA

2.1.3.1 Primary sources

2.1.3.2 Key industry insights

2.1.3.3 Primary interviews with experts

2.1.3.4 List of key primary respondents

2.1.3.5 Breakdown of primaries

2.2 MARKET SIZE ESTIMATION

2.2.1 BOTTOM-UP APPROACH

2.2.1.1 Approach for arriving at market size by bottom-up analysis

FIGURE 5 INTEGRATED MICROWAVE ASSEMBLY MARKET: BOTTOM-UP

APPROACH

2.2.2 TOP-DOWN APPROACH

2.2.2.1 Approach for calculating market size by top-down analysis

FIGURE 6 INTEGRATED MICROWAVE ASSEMBLY MARKET: TOP-DOWN APPROACH

2.3 MARKET BREAKDOWN AND DATA TRIANGULATION

FIGURE 7 DATA TRIANGULATION

2.4 RESEARCH ASSUMPTIONS

2.5 LIMITATIONS

2.6 RISK ASSESSMENT

TABLE 1 RISK ASSESSMENT

3 EXECUTIVE SUMMARY

FIGURE 8 IMPACT OF COVID-19 ON INTEGRATED MICROWAVE ASSEMBLY MARKET

3.1 POST-COVID-19 SCENARIO

TABLE 2 POST-COVID-19 SCENARIO: INTEGRATED MICROWAVE ASSEMBLY MARKET, 2022–2027 (USD MILLION)

3.2 OPTIMISTIC SCENARIO (POST-COVID-19)

TABLE 3 OPTIMISTIC SCENARIO (POST-COVID-19): INTEGRATED MICROWAVE ASSEMBLY MARKET, 2022–2027 (USD MILLION)

3.3 PESSIMISTIC SCENARIO (POST-COVID-19)

TABLE 4 PESSIMISTIC SCENARIO (POST-COVID-19): INTEGRATED MICROWAVE ASSEMBLY MARKET, 2022–2027 (USD MILLION)

FIGURE 9 AMPLIFIERS SEGMENT TO HOLD LARGER MARKET SHARE DURING FORECAST PERIOD

FIGURE 10 KU-BAND SEGMENT TO WITNESS FASTEST GROWTH IN INTEGRATED MICROWAVE ASSEMBLY MARKET FROM 2022 TO 2027

FIGURE 11 COMMUNICATIONS SEGMENT TO REGISTER HIGHEST CAGR DURING FORECAST PERIOD

FIGURE 12 NORTH AMERICA ACCOUNTED FOR LARGEST SHARE OF INTEGRATED MICROWAVE ASSEMBLY MARKET IN 2021

4 PREMIUM INSIGHTS

4.1 ATTRACTIVE OPPORTUNITIES IN INTEGRATED MICROWAVE ASSEMBLY MARKET

FIGURE 13 GROWING USE OF INTEGRATED MICROWAVE ASSEMBLIES IN SATELLITE COMMUNICATION TO FUEL MARKET GROWTH FROM 2022 TO 2027

4.2 INTEGRATED MICROWAVE ASSEMBLY MARKET, BY FREQUENCY

FIGURE 14 KU-BAND SEGMENT TO REGISTER HIGHEST CAGR

DURING FORECAST PERIOD

4.3 INTEGRATED MICROWAVE ASSEMBLY MARKET, BY PRODUCT

FIGURE 15 AMPLIFIERS SEGMENT TO HOLD LARGEST SHARE OF INTEGRATED MICROWAVE ASSEMBLY MARKET DURING FORECAST PERIOD

4.4 INTEGRATED MICROWAVE ASSEMBLY MARKET FOR MILITARY & DEFENSE VERTICAL, BY APPLICATION AND REGION

FIGURE 16 ELECTRONIC WARFARE APPLICATION AND NORTH AMERICA TO HOLD LARGEST SHARES OF MARKET FOR MILITARY & DEFENSE VERTICAL DURING FORECAST PERIOD

4.5 INTEGRATED MICROWAVE ASSEMBLY MARKET, BY REGION (2027)

FIGURE 17 APAC INTEGRATED MICROWAVE ASSEMBLY MARKET TO RECORD HIGHEST CAGR DURING 2022 TO 2027

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

FIGURE 18 INTEGRATED MICROWAVE ASSEMBLY MARKET: DYNAMICS

5.2.1 DRIVERS

5.2.1.1 Increasing expenditure in military & defense sector

FIGURE 19 MILITARY & DEFENSE EXPENDITURES IN TOP REGIONS BETWEEN 2019 AND 2020

5.2.1.2 Rising penetration of radio frequency (RF) module assembly for

5G AND TELECOMMUNICATIONS VERTICALS

5.2.1.3 Growing adoption of next-generation warfare techniques

5.2.2 RESTRAINTS

5.2.2.1 High development costs associated with integrated microwave assembly

5.2.3 OPPORTUNITIES

5.2.3.1 Growing demand for secure and fast satellite communication

5.2.3.2 Growing adoption of gallium nitride (GaN) in microwave modules

5.2.4 CHALLENGES

5.2.4.1 Device complexity

5.3 VALUE CHAIN ANALYSIS

FIGURE 20 INTEGRATED MICROWAVE ASSEMBLY MARKET: VALUE CHAIN

5.4 PORTER'S FIVE FORCES ANALYSIS

TABLE 5 INTEGRATED MICROWAVE ASSEMBLY MARKET:

PORTER'S FIVE FORCES ANALYSIS

5.5 INTEGRATED MICROWAVE ASSEMBLY ECOSYSTEM ANALYSIS

FIGURE 21 INTEGRATED MICROWAVE ASSEMBLY ECOSYSTEM

TABLE 6 INTEGRATED MICROWAVE ASSEMBLY MARKET: ECOSYSTEM

5.6 TRENDS AND DISRUPTIONS IMPACTING CUSTOMERS' BUSINESS

5.6.1 REVENUE SHIFT AND NEW REVENUE POCKETS FOR INTEGRATED MICROWAVE ASSEMBLY MANUFACTURERS

FIGURE 22 REVENUE SHIFT FOR INTEGRATED MICROWAVE ASSEMBLY PROVIDERS

5.7 CASE STUDY ANALYSIS

TABLE 7 USE CASE 1: CUSTOM MONOLITHIC MICROWAVE INTEGRATED CIRCUIT-BASED INTEGRATED MICROWAVE ASSEMBLY FOR DEFENSE OEMS

TABLE 8 USE CASE 2: NASA SELECTED INTEGRATED MICROWAVE ASSEMBLY COMPONENTS FROM QORVO, INC. FOR ITS MARS EXPLORATION INITIATIVES

5.8 TECHNOLOGY ANALYSIS

5.8.1 ADVANCEMENTS IN FREQUENCY BANDS

5.8.2 5G IN SPACE AND COMMUNICATION VERTICAL

5.8.3 ADVANCEMENTS IN WARFARE TECHNOLOGY

5.9 PATENT ANALYSIS

FIGURE 23 TOP 10 COMPANIES WITH HIGHEST NUMBER OF PATENT APPLICATIONS IN LAST 10 YEARS

TABLE 9 TOP 10 PATENT OWNERS IN US IN LAST 10 YEARS

FIGURE 24 NUMBER OF PATENTS GRANTED PER YEAR FROM 2011 TO 2021

TABLE 10 LIST OF PATENTS

5.10 REGULATORY LANDSCAPE

5.10.1 UTILIZATION OF RADIO FREQUENCIES BY INTERNATIONAL TELECOMMUNICATION UNION

5.10.2 FEDERAL COMMUNICATIONS COMMISSION (FCC) REGULATIONS

5.10.3 RESTRICTION OF HAZARDOUS SUBSTANCES (ROHS) AND WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT (WEEE)

5.11 TRADE ANALYSIS AND TARIFF ANALYSIS

5.11.1 TRADE ANALYSIS

5.11.1.1 Trade data for HS code 854079

FIGURE 25 IMPORT DATA FOR HS CODE 854079, BY COUNTRY, 2016-2020 (USD MILLION)

FIGURE 26 EXPORT DATA HS CODE 854079, BY COUNTRY, 2016-2020 (USD MILLION)

5.11.1.2 Trade data for HS code 854081

FIGURE 27 IMPORT DATA HS CODE 854081, BY COUNTRY, 2016-2020 (USD

MILLION)

FIGURE 28 EXPORT DATA HS CODE 854081, BY COUNTRY, 2016-2020 (USD MILLION)

5.11.2 TARIFF ANALYSIS

TABLE 11 TARIFFS DATA FOR HS 854081

5.12 KEY CONFERENCES AND EVENTS IN 2022-2023

TABLE 12 INTEGRATED MICROWAVE ASSEMBLIES MARKET: DETAILED LIST OF CONFERENCES AND EVENTS

5.13 KEY STAKEHOLDERS AND BUYING CRITERIA

5.13.1 KEY STAKEHOLDERS IN BUYING PROCESS

FIGURE 29 INFLUENCE OF STAKEHOLDERS IN BUYING PROCESS FOR TOP 3 VERTICALS

TABLE 13 INFLUENCE OF STAKEHOLDERS IN BUYING PROCESS FOR TOP 3 VERTICALS (%)

6 INTEGRATED MICROWAVE ASSEMBLY MARKET, BY PRODUCT

6.1 INTRODUCTION

FIGURE 30 INTEGRATED MICROWAVE ASSEMBLY MARKET, BY PRODUCT

FIGURE 31 AMPLIFIERS SEGMENT TO HOLD LARGEST MARKET SHARE DURING FORECAST PERIOD

TABLE 14 INTEGRATED MICROWAVE ASSEMBLY MARKET, BY PRODUCT, 2018-2021 (USD MILLION)

TABLE 15 INTEGRATED MICROWAVE ASSEMBLY MARKET, BY PRODUCT, 2022-2027 (USD MILLION)

6.2 FREQUENCY CONVERTERS

6.2.1 APAC TO REGISTER HIGHEST CAGR IN INTEGRATED MICROWAVE ASSEMBLY MARKET FOR FREQUENCY CONVERTERS

TABLE 16 INTEGRATED MICROWAVE ASSEMBLY MARKET FOR FREQUENCY CONVERTERS, BY REGION, 2018-2021 (USD MILLION)

TABLE 17 INTEGRATED MICROWAVE ASSEMBLY MARKET FOR FREQUENCY CONVERTERS, BY REGION, 2022-2027 (USD MILLION)

6.3 FREQUENCY SYNTHESIZERS

6.3.1 NORTH AMERICA TO HOLD LARGEST SHARE OF INTEGRATED MICROWAVE ASSEMBLY MARKET FOR FREQUENCY SYNTHESIZERS

TABLE 18 INTEGRATED MICROWAVE ASSEMBLY MARKET FOR FREQUENCY SYNTHESIZERS, BY REGION, 2018-2021 (USD MILLION)

TABLE 19 INTEGRATED MICROWAVE ASSEMBLY MARKET FOR FREQUENCY SYNTHESIZERS, BY REGION, 2022-2027 (USD MILLION)

6.4 AMPLIFIERS

6.4.1 POWER AMPLIFIERS

6.4.1.1 High adoption of Power amplifiers in military and advanced communication applications to drive market growth

6.4.2 LOW NOISE AMPLIFIERS (LNAS)

6.4.2.1 Increased demand for high-speed communication to fuel growth of low noise amplifiers sub-segment

TABLE 20 INTEGRATED MICROWAVE ASSEMBLY MARKET FOR AMPLIFIERS, BY REGION, 2018–2021 (USD MILLION)

TABLE 21 INTEGRATED MICROWAVE ASSEMBLY MARKET FOR AMPLIFIERS, BY REGION, 2022–2027 (USD MILLION)

6.5 OSCILLATORS

6.5.1 EASE OF INTEGRATION WITH OTHER RECEIVERS AND TRANSMITTERS TO DRIVE MARKET GROWTH

TABLE 22 INTEGRATED MICROWAVE ASSEMBLY MARKET FOR OSCILLATORS, BY REGION, 2018–2021 (USD MILLION)

TABLE 23 INTEGRATED MICROWAVE ASSEMBLY MARKET FOR OSCILLATOR, BY REGION, 2022–2027 (USD MILLION)

6.6 TRANSCEIVERS

6.6.1 INCREASING INSTALLATION OF TRANSCEIVERS IN COMMUNICATIONS INDUSTRY TO DRIVE MARKET GROWTH

FIGURE 32 APAC TO REGISTER HIGHEST CAGR IN INTEGRATED MICROWAVE ASSEMBLY MARKET FOR TRANSCEIVERS DURING FORECAST PERIOD

TABLE 24 INTEGRATED MICROWAVE ASSEMBLY MARKET FOR TRANSCEIVERS, BY REGION, 2018–2021 (USD MILLION)

TABLE 25 INTEGRATED MICROWAVE ASSEMBLY MARKET FOR TRANSCEIVERS, BY REGION, 2022–2027 (USD MILLION)

6.7 OTHERS

6.7.1 ATTENUATORS

6.7.1.1 Growing demand for attenuators in electronic warfare applications to drive market growth

6.7.2 COUPLERS

6.7.2.1 Growing use of couplers to optimize performance of integrated microwave assembly devices to drive market growth

6.7.3 MIXERS

6.7.3.1 Best-in-class isolation and conversion losses with low input power function of mixers to increase their demand in communication applications

6.7.4 SWITCHES

6.7.4.1 Low insertion loss and high port-to-port isolation features to fuel demand for switches

6.7.5 FILTERS

6.7.5.1 Increasing shift toward 5G technology to fuel demand for filters

TABLE 26 INTEGRATED MICROWAVE ASSEMBLY MARKET FOR OTHERS, BY REGION, 2018–2021 (USD MILLION)

TABLE 27 INTEGRATED MICROWAVE ASSEMBLY MARKET FOR OTHERS, BY REGION, 2022–2027 (USD MILLION)

7 INTEGRATED MICROWAVE ASSEMBLY MARKET, BY FREQUENCY

7.1 INTRODUCTION

TABLE 28 MICROWAVE FREQUENCY BANDS AND CORRESPONDING RANGES

FIGURE 33 INTEGRATED MICROWAVE ASSEMBLY MARKET, BY FREQUENCY

FIGURE 34 KU-BAND SEGMENT TO REGISTER HIGHEST CAGR

DURING FORECAST PERIOD

TABLE 29 INTEGRATED MICROWAVE ASSEMBLY MARKET, BY FREQUENCY, 2018–2021 (USD MILLION)

TABLE 30 INTEGRATED MICROWAVE ASSEMBLY MARKET, BY FREQUENCY, 2022–2027 (USD MILLION)

7.2 KU-BAND

7.2.1 KU-BAND SEGMENT HELD LARGEST MARKET SHARE IN 2021

TABLE 31 INTEGRATED MICROWAVE ASSEMBLY MARKET FOR KU-BAND, BY REGION, 2018–2021 (USD MILLION)

TABLE 32 INTEGRATED MICROWAVE ASSEMBLY MARKET FOR KU-BAND, BY REGION, 2022–2027 (USD MILLION)

7.3 C-BAND

7.3.1 C-BAND SEGMENT ACCOUNTED FOR SIGNIFICANT MARKET SHARE IN 2021

TABLE 33 INTEGRATED MICROWAVE ASSEMBLY MARKET FOR C-BAND, BY REGION, 2018–2021 (USD MILLION)

TABLE 34 INTEGRATED MICROWAVE ASSEMBLY MARKET FOR C-BAND, BY REGION, 2022–2027 (USD MILLION)

7.4 KA-BAND

7.4.1 KA-BAND SEGMENT TO REGISTER HIGHEST CAGR DURING FORECAST PERIOD

TABLE 35 INTEGRATED MICROWAVE ASSEMBLY MARKET FOR KA-BAND, BY REGION, 2018–2021 (USD MILLION)

TABLE 36 INTEGRATED MICROWAVE ASSEMBLY MARKET FOR KA-BAND, BY

REGION, 2022–2027 (USD MILLION)

7.5 L-BAND

7.5.1 L-BAND SEGMENT HELD SIGNIFICANT REVENUE SHARE OF
OVERALL MARKET IN 2021

TABLE 37 INTEGRATED MICROWAVE ASSEMBLY MARKET FOR L-BAND, BY
REGION, 2018–2021 (USD MILLION)

TABLE 38 INTEGRATED MICROWAVE ASSEMBLY MARKET FOR L-BAND, BY
REGION, 2022–2027 (USD MILLION)

7.6 X-BAND

7.6.1 X-BAND SEGMENT TO WITNESS HEALTHY GROWTH
DURING FORECAST PERIOD

TABLE 39 INTEGRATED MICROWAVE ASSEMBLY MARKET FOR X-BAND, BY
REGION, 2018–2021 (USD MILLION)

TABLE 40 INTEGRATED MICROWAVE ASSEMBLY MARKET FOR X-BAND, BY
REGION, 2022–2027 (USD MILLION)

7.7 S-BAND

7.7.1 S-BAND SEGMENT TO GROW AT SUBSTANTIAL CAGR FROM 2022 TO 2027

TABLE 41 INTEGRATED MICROWAVE ASSEMBLY MARKET FOR S-BAND, BY
REGION, 2018–2021 (USD MILLION)

TABLE 42 INTEGRATED MICROWAVE ASSEMBLY MARKET FOR S-BAND, BY
REGION, 2022–2027 (USD MILLION)

7.8 OTHER BANDS

TABLE 43 INTEGRATED MICROWAVE ASSEMBLY MARKET FOR OTHER BANDS,
BY REGION, 2018–2021 (USD MILLION)

TABLE 44 INTEGRATED MICROWAVE ASSEMBLY MARKET FOR OTHER BANDS,
BY REGION, 2022–2027 (USD MILLION)

8 INTEGRATED MICROWAVE ASSEMBLY MARKET, BY VERTICAL

8.1 INTRODUCTION

FIGURE 35 INTEGRATED MICROWAVE ASSEMBLY MARKET, BY VERTICAL

FIGURE 36 MILITARY & DEFENSE SEGMENT TO LEAD INTEGRATED
MICROWAVE ASSEMBLY MARKET FROM 2022 TO 2027

TABLE 45 INTEGRATED MICROWAVE ASSEMBLY MARKET, BY VERTICAL,
2018–2021 (USD MILLION)

TABLE 46 INTEGRATED MICROWAVE ASSEMBLY MARKET, BY VERTICAL,
2022–2027 (USD MILLION)

8.2 AVIONICS

8.2.1 INCREASED DEMAND FOR FAST DATA TRANSFER TO DRIVE MARKET

GROWTH

TABLE 47 INTEGRATED MICROWAVE ASSEMBLY MARKET FOR AVIONICS, BY REGION, 2018–2021 (USD MILLION)

TABLE 48 INTEGRATED MICROWAVE ASSEMBLY MARKET FOR AVIONICS, BY REGION, 2022–2027 (USD MILLION)

8.3 MILITARY & DEFENSE

8.3.1 MILITARY & DEFENSE SEGMENT TO HOLD SIGNIFICANT MARKET SHARE IN 2022

TABLE 49 INTEGRATED MICROWAVE ASSEMBLY MARKET FOR MILITARY & DEFENSE, BY REGION, 2018–2021 (USD MILLION)

TABLE 50 INTEGRATED MICROWAVE ASSEMBLY MARKET FOR MILITARY & DEFENSE, BY REGION, 2022–2027 (USD MILLION)

FIGURE 37 ELECTRONIC WARFARE APPLICATION SUB-SEGMENT TO LEAD INTEGRATED MICROWAVE ASSEMBLY MARKET FOR MILITARY & DEFENSE VERTICAL

FROM 2022 TO 2027

TABLE 51 INTEGRATED MICROWAVE ASSEMBLY MARKET FOR MILITARY & DEFENSE, BY APPLICATION, 2018–2021 (USD MILLION)

TABLE 52 INTEGRATED MICROWAVE ASSEMBLY MARKET FOR MILITARY & DEFENSE, BY APPLICATION, 2022–2027 (USD MILLION)

TABLE 53 MILITARY & DEFENSE: INTEGRATED MICROWAVE ASSEMBLY MARKET FOR ELECTRONIC WARFARE, BY REGION, 2018–2021 (USD MILLION)

TABLE 54 MILITARY & DEFENSE: INTEGRATED MICROWAVE ASSEMBLY MARKET FOR ELECTRONIC WARFARE, BY REGION, 2022–2027(USD MILLION)

TABLE 55 MILITARY & DEFENSE: INTEGRATED MICROWAVE ASSEMBLY MARKET FOR RADAR, BY REGION, 2018–2021 (USD MILLION)

TABLE 56 MILITARY & DEFENSE: INTEGRATED MICROWAVE ASSEMBLY MARKET FOR RADAR, BY REGION, 2022–2027(USD MILLION)

TABLE 57 MILITARY & DEFENSE: INTEGRATED MICROWAVE ASSEMBLY MARKET FOR MILITARY COMMUNICATION, BY REGION, 2018–2021 (USD MILLION)

TABLE 58 MILITARY & DEFENSE: INTEGRATED MICROWAVE ASSEMBLY MARKET FOR MILITARY COMMUNICATION, BY REGION, 2022–2027 (USD MILLION)

8.4 COMMUNICATIONS

8.4.1 DEVELOPMENTS IN 5G COMMUNICATION TO BOOST MARKET GROWTH

TABLE 59 INTEGRATED MICROWAVE ASSEMBLY MARKET FOR COMMUNICATIONS, BY REGION, 2018–2021 (USD MILLION)

TABLE 60 INTEGRATED MICROWAVE ASSEMBLY MARKET FOR

COMMUNICATIONS, BY REGION, 2022–2027 (USD MILLION)

8.5 OTHERS

TABLE 61 INTEGRATED MICROWAVE ASSEMBLY MARKET FOR OTHERS, BY REGION, 2018–2021 (USD MILLION)

TABLE 62 INTEGRATED MICROWAVE ASSEMBLY MARKET FOR OTHERS, BY REGION, 2022–2027 (USD MILLION)

9 INTEGRATED MICROWAVE ASSEMBLY MARKET, BY REGION

9.1 INTRODUCTION

FIGURE 38 INTEGRATED MICROWAVE ASSEMBLY MARKET IN INDIA TO REGISTER HIGHEST CAGR DURING FORECAST PERIOD

TABLE 63 INTEGRATED MICROWAVE ASSEMBLY MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 64 INTEGRATED MICROWAVE ASSEMBLY MARKET, BY REGION, 2022–2027 (USD MILLION)

9.2 NORTH AMERICA

FIGURE 39 NORTH AMERICA: INTEGRATED MICROWAVE ASSEMBLY MARKET SNAPSHOT

TABLE 65 INTEGRATED MICROWAVE ASSEMBLY MARKET IN NORTH AMERICA, BY FREQUENCY, 2018–2021 (USD MILLION)

TABLE 66 INTEGRATED MICROWAVE ASSEMBLY MARKET IN NORTH AMERICA, BY FREQUENCY, 2022–2027 (USD MILLION)

TABLE 67 INTEGRATED MICROWAVE ASSEMBLY MARKET IN NORTH AMERICA, BY PRODUCT, 2018–2021 (USD MILLION)

TABLE 68 INTEGRATED MICROWAVE ASSEMBLY MARKET IN NORTH AMERICA, BY PRODUCT, 2022–2027 (USD MILLION)

TABLE 69 INTEGRATED MICROWAVE ASSEMBLY MARKET IN NORTH AMERICA, BY VERTICAL, 2018–2021 (USD MILLION)

TABLE 70 INTEGRATED MICROWAVE ASSEMBLY MARKET IN NORTH AMERICA, BY VERTICAL, 2022–2027 (USD MILLION)

TABLE 71 INTEGRATED MICROWAVE ASSEMBLY MARKET IN NORTH AMERICA, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 72 INTEGRATED MICROWAVE ASSEMBLY MARKET IN NORTH AMERICA, BY COUNTRY, 2022–2027 (USD MILLION)

9.2.1 US

9.2.1.1 Government-led investments in developing cutting-edge military warfare equipment to create lucrative opportunities for integrated microwave assembly market

9.2.2 CANADA

9.2.2.1 Increasing investments in communications vertical to drive market growth in Canada

9.2.3 MEXICO

9.2.3.1 Rising defense expenditure to fuel demand for integrated microwave assemblies in Mexico

FIGURE 40 IMPACT OF COVID-19 ON NORTH AMERICAN MARKET

TABLE 73 PRE-COVID-19 & POST-COVID19: INTEGRATED MICROWAVE ASSEMBLY MARKET IN NORTH AMERICA, 2018–2027 (USD MILLION)

9.3 EUROPE

FIGURE 41 EUROPE: SNAPSHOT OF INTEGRATED MICROWAVE ASSEMBLY MARKET

TABLE 74 INTEGRATED MICROWAVE ASSEMBLY MARKET IN EUROPE, BY FREQUENCY, 2018–2021 (USD MILLION)

TABLE 75 INTEGRATED MICROWAVE ASSEMBLY MARKET IN EUROPE, BY FREQUENCY, 2022–2027 (USD MILLION)

TABLE 76 INTEGRATED MICROWAVE ASSEMBLY MARKET IN EUROPE, BY PRODUCT, 2018–2021 (USD MILLION)

TABLE 77 INTEGRATED MICROWAVE ASSEMBLY MARKET IN EUROPE, BY PRODUCT, 2022–2027 (USD MILLION)

TABLE 78 INTEGRATED MICROWAVE ASSEMBLY MARKET IN EUROPE, BY VERTICAL, 2018–2021 (USD MILLION)

TABLE 79 INTEGRATED MICROWAVE ASSEMBLY MARKET IN EUROPE, BY VERTICAL, 2022–2027 (USD MILLION)

TABLE 80 INTEGRATED MICROWAVE ASSEMBLY MARKET IN EUROPE, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 81 INTEGRATED MICROWAVE ASSEMBLY MARKET IN EUROPE, BY COUNTRY, 2022–2027 (USD MILLION)

9.3.1 GERMANY

9.3.1.1 Increasing demand for radar systems to create growth opportunities for integrated microwave assembly market

9.3.2 FRANCE

9.3.2.1 Presence of major aerospace companies to boost growth of integrated microwave assembly market in France

9.3.3 UK

9.3.3.1 Increased military spending in post-Brexit period to drive market growth

9.3.4 REST OF EUROPE

FIGURE 42 IMPACT OF COVID-19 ON EUROPEAN MARKET

TABLE 82 PRE-COVID-19 & POST-COVID19: INTEGRATED MICROWAVE

ASSEMBLY MARKET IN EUROPE, 2018–2027 (USD MILLION)

9.4 APAC

FIGURE 43 APAC: SNAPSHOT OF INTEGRATED MICROWAVE ASSEMBLY MARKET

TABLE 83 INTEGRATED MICROWAVE ASSEMBLY MARKET IN APAC, BY FREQUENCY, 2018–2021 (USD MILLION)

TABLE 84 INTEGRATED MICROWAVE ASSEMBLY MARKET IN APAC, BY FREQUENCY, 2022–2027 (USD MILLION)

TABLE 85 INTEGRATED MICROWAVE ASSEMBLY MARKET IN APAC, BY PRODUCT, 2018–2021 (USD MILLION)

TABLE 86 INTEGRATED MICROWAVE ASSEMBLY MARKET IN APAC BY PRODUCT, 2022–2027 (USD MILLION)

TABLE 87 INTEGRATED MICROWAVE ASSEMBLY MARKET IN APAC, BY VERTICAL, 2018–2021 (USD MILLION)

TABLE 88 INTEGRATED MICROWAVE ASSEMBLY MARKET IN APAC, BY VERTICAL, 2022–2027 (USD MILLION)

TABLE 89 INTEGRATED MICROWAVE ASSEMBLY MARKET IN APAC, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 90 INTEGRATED MICROWAVE ASSEMBLY MARKET IN APAC, BY COUNTRY, 2022–2027 (USD MILLION)

9.4.1 CHINA

9.4.1.1 Rising military and defense equipment manufacturing to fuel demand for integrated microwave assemblies

9.4.2 JAPAN

9.4.2.1 New geopolitical and defense tie-ups with India, Australia, and US to drive market growth

9.4.3 INDIA

9.4.3.1 Make in India initiative to fuel demand for Integrated microwave assemblies and drive market growth

9.4.4 SOUTH KOREA

9.4.4.1 Significant developments in manufacturing sector to drive market growth in South Korea

9.4.5 REST OF APAC

FIGURE 44 IMPACT OF COVID-19 ON APAC MARKET

TABLE 91 PRE-COVID-19 & POST-COVID19: INTEGRATED MICROWAVE ASSEMBLY MARKET IN APAC, 2018–2027 (USD MILLION)

9.5 ROW

FIGURE 45 ROW: SNAPSHOT OF INTEGRATED MICROWAVE ASSEMBLY MARKET

TABLE 92 INTEGRATED MICROWAVE ASSEMBLY MARKET IN ROW, BY FREQUENCY, 2018–2021 (USD MILLION)

TABLE 93 INTEGRATED MICROWAVE ASSEMBLY MARKET IN ROW, BY FREQUENCY, 2022–2027 (USD MILLION)

TABLE 94 INTEGRATED MICROWAVE ASSEMBLY MARKET IN ROW, BY PRODUCT, 2018–2021 (USD MILLION)

TABLE 95 INTEGRATED MICROWAVE ASSEMBLY MARKET IN ROW, BY PRODUCT, 2022–2027 (USD MILLION)

TABLE 96 INTEGRATED MICROWAVE ASSEMBLY MARKET IN ROW, BY VERTICAL, 2018–2021 (USD MILLION)

TABLE 97 INTEGRATED MICROWAVE ASSEMBLY MARKET IN ROW, BY VERTICAL, 2022–2027 (USD MILLION)

TABLE 98 INTEGRATED MICROWAVE ASSEMBLY MARKET IN ROW, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 99 INTEGRATED MICROWAVE ASSEMBLY MARKET IN ROW, BY COUNTRY, 2022–2027 (USD MILLION)

9.5.1 SOUTH AMERICA

9.5.1.1 Rising use of integrated microwave assemblies in satellite communication application to drive market growth

9.5.2 MIDDLE EAST & AFRICA

9.5.2.1 Favorable government initiatives and high military investments to drive market growth

FIGURE 46 IMPACT OF COVID-19 ON ROW MARKET

TABLE 100 PRE-COVID-19 & POST-COVID19: INTEGRATED MICROWAVE ASSEMBLY MARKET IN ROW, 2018–2027 (USD MILLION)

10 COMPETITIVE LANDSCAPE

10.1 OVERVIEW

10.2 TOP 4 PLAYERS–3-YEAR COMPANY REVENUE ANALYSIS

FIGURE 47 REVENUE ANALYSIS (USD BILLION), 2019–2021

10.3 KEY PLAYER STRATEGIES/RIGHT TO WIN

TABLE 101 KEY STRATEGIES OF TOP PLAYERS IN INTEGRATED MICROWAVE ASSEMBLY MARKET

10.4 MARKET SHARE ANALYSIS (2021)

TABLE 102 INTEGRATED MICROWAVE ASSEMBLY MARKET: MARKET SHARE ANALYSIS

FIGURE 48 MARKET SHARE ANALYSIS: INTEGRATED MICROWAVE ASSEMBLY MARKET, 2021

10.5 COMPANY EVALUATION QUADRANT, 2021

10.5.1 STAR

10.5.2 PERVASIVE

10.5.3 EMERGING LEADER

10.5.4 PARTICIPANT

FIGURE 49 INTEGRATED MICROWAVE ASSEMBLY MARKET (GLOBAL) COMPANY EVALUATION QUADRANT, 2021

10.5.5 COMPANY FOOTPRINT

TABLE 103 COMPANY FOOTPRINT: INTEGRATED MICROWAVE ASSEMBLY MARKET

TABLE 104 COMPANY VERTICAL FOOTPRINT: INTEGRATED MICROWAVE ASSEMBLY MARKET

TABLE 105 COMPANY PRODUCT FOOTPRINT: INTEGRATED MICROWAVE ASSEMBLY MARKET

TABLE 106 COMPANY REGIONAL FOOTPRINT: INTEGRATED MICROWAVE ASSEMBLY MARKET

10.6 SMALL AND MEDIUM ENTERPRISE (SME) EVALUATION QUADRANT, 2021

10.6.1 PROGRESSIVE COMPANY

10.6.2 RESPONSIVE COMPANY

10.6.3 DYNAMIC COMPANY

10.6.4 STARTING BLOCK

FIGURE 50 INTEGRATED MICROWAVE ASSEMBLY MARKET (GLOBAL), SME EVALUATION QUADRANT, 2021

TABLE 107 INTEGRATED MICROWAVE ASSEMBLY MARKET: DETAILED LIST OF KEY STARTUPS/SMES

10.7 COMPETITIVE SCENARIO

TABLE 108 INTEGRATED MICROWAVE ASSEMBLY MARKET: PRODUCT LAUNCHES, JANUARY 2020 TO JANUARY 2022

TABLE 109 INTEGRATED MICROWAVE ASSEMBLY MARKET: DEALS, JANUARY 2020 TO JANUARY 2022

11 COMPANY PROFILES

11.1 INTRODUCTION

11.2 KEY PLAYERS

(Business Overview, Products/Solutions/Services Offered, Recent Developments, and MnM View)*

11.2.1 ANALOG DEVICES

TABLE 110 ANALOG DEVICES: COMPANY SNAPSHOT

FIGURE 51 ANALOG DEVICES: COMPANY SNAPSHOT**11.2.2 TELEDYNE TECHNOLOGIES****TABLE 111 TELEDYNE TECHNOLOGIES: COMPANY SNAPSHOT****FIGURE 52 TELEDYNE TECHNOLOGIES: COMPANY SNAPSHOT****11.2.3 QORVO****TABLE 112 QORVO: COMPANY SNAPSHOT****FIGURE 53 QORVO: COMPANY SNAPSHOT****11.2.4 MACOM****TABLE 113 MACOM: COMPANY SNAPSHOT****FIGURE 54 MACOM: COMPANY SNAPSHOT****11.2.5 COBHAM ADVANCED ELECTRONIC SOLUTIONS (CAES)****TABLE 114 COBHAM ADVANCED ELECTRONICS SOLUTIONS (CAES):
COMPANY SNAPSHOT****11.2.6 NATIONAL INSTRUMENTS****TABLE 115 NATIONAL INSTRUMENTS: COMPANY SNAPSHOT****FIGURE 55 NATIONAL INSTRUMENTS: COMPANY SNAPSHOT****11.2.7 CPI INTERNATIONAL****TABLE 116 CPI INTERNATIONAL: COMPANY SNAPSHOT****11.2.8 NARDA-MITEQ****TABLE 117 NARDA-MITEQ: COMPANY SNAPSHOT****11.2.9 APITECH****TABLE 118 APITECH: COMPANY SNAPSHOT****11.2.10 INTEGRATED MICROWAVE CORPORATION****TABLE 119 INTEGRATED MICROWAVE CORPORATION: COMPANY SNAPSHOT
Business Overview, Products/Solutions/Services Offered, Recent Developments, and
MnM View might not be captured in case of unlisted companies.****11.3 OTHER KEY PLAYERS****11.3.1 KRATOS DEFENSE AND SECURITY SOLUTION****11.3.2 MERCURY SYSTEMS****11.3.3 WENZEL ASSOCIATES****11.3.4 TTM TECHNOLOGIES****11.3.5 AKON****11.3.6 MICROWAVE DYNAMICS (MD)****11.3.7 RAPIDTEK****11.3.8 LINWAVE TECHNOLOGY****11.3.9 EM RESEARCH****11.3.10 SYLATECH****11.3.11 ERZIA TECHNOLOGIES****11.3.12 TRITON SERVICES**

- 11.3.13 WOLFSPEED
- 11.3.14 ARRALIS
- 11.3.15 VECTRAWAVE

12 APPENDIX

- 12.1 DISCUSSION GUIDE
- 12.2 KNOWLEDGE STORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL
- 12.3 AVAILABLE CUSTOMIZATION
- 12.4 RELATED REPORTS
- 12.5 AUTHOR DETAILS

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