

Monolithic Microwave IC (MMIC) Market Report: Trends, Forecast and Competitive Analysis to 2030

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Abstracts

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Monolithic Microwave IC (MMIC) Trends and Forecast

The future of the global monolithic microwave IC (MMIC) market looks promising with opportunities in the consumer/enterprise electronic, wireless communication infrastructure, automotive, aerospace & defense, CATV and wired broadband, and test and measurement markets. The global monolithic microwave IC (MMIC) market is expected to reach an estimated \$17.9 billion by 2030 with a CAGR of 10.5% from 2024 to 2030. The major drivers for this market are growing demand of MMICs in the smartphone industry, rising defense spending to upgrade their defense inventories, and increasing adoption of next-generation warfare techniques.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below.

Monolithic Microwave IC (MMIC) by Segment

The study includes a forecast for the global monolithic microwave IC (MMIC) by material type, technology, frequency band, application, and region

Monolithic Microwave IC (MMIC) Market by Material Type [Shipment Analysis by Value from 2018 to 2030]:

Gallium Arsenide

Indium Phosphate

Indium Gallium Phosphide

Silicon Germanium

Gallium Nitride

Monolithic Microwave IC (MMIC) Market by Technology [Shipment Analysis by Value from 2018 to 2030]:

HEMT

pHEMT

HBT

MESFET

mHEMT

E-pHEMT

MOS

Monolithic Microwave IC (MMIC) Market by Frequency Band [Shipment Analysis by Value from 2018 to 2030]:

W Band

V Band

L Band

Ka Band

S Band

K Band

C Band

Ku Band

X Band

Monolithic Microwave IC (MMIC) Market by Application [Shipment Analysis by Value from 2018 to 2030]:

Consumer/enterprise Electronics

Wireless Communication Infrastructure

Automotive

Aerospace & Defense

CATV and Wired Broadband

Test and Measurement

Others

Monolithic Microwave IC (MMIC) Market by Region [Shipment Analysis by Value from 2018 to 2030]:

North America

Europe

Asia Pacific

The Rest of the World

List of Monolithic Microwave IC (MMIC) Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies monolithic microwave IC (MMIC) companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the monolithic microwave IC (MMIC) companies profiled in this report include-

Analog Devices

Infineon Technologies

Mini-Circuits

NXP Semiconductors

United Monolithic Semiconductors

Skyworks Solutions

Microarray Technologies

Qorvo

Macom

OMMIC

Monolithic Microwave IC (MMIC) Market Insights

Lucintel forecast that hemt is expected to witness highest growth over the forecast period.

Within this market, consumer electronics will remain the largest segment.

APAC is expected to witness highest growth over the forecast period.

Features of the Global Monolithic Microwave IC (MMIC) Market

Market Size Estimates: Monolithic microwave IC (MMIC) Market size estimation in terms of value (\$B).

Trend and Forecast Analysis: Market trends (2018 to 2023) and forecast (2024 to 2030) by various segments and regions.

Segmentation Analysis: Monolithic microwave IC (MMIC) market size by material type, technology, frequency band, and region in terms of value (\$B).

Regional Analysis: Monolithic microwave IC (MMIC) Market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different material type, technology, frequency band, and regions for the monolithic microwave IC (MMIC) market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the monolithic microwave IC (MMIC) market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

FAQ

Q.1 What is the monolithic microwave IC (MMIC) market size?

Answer: The global monolithic microwave IC (MMIC) market is expected to reach an estimated \$17.9 billion by 2030.

Q.2 What is the growth forecast for monolithic microwave IC (MMIC) market?

Answer: The global monolithic microwave IC (MMIC) market is expected to grow with a CAGR of 10.5% from 2024 to 2030.

Q.3 What are the major drivers influencing the growth of the monolithic microwave IC (MMIC) market?

Answer: The major drivers for this market are growing demand of MMICs in the smartphone industry, rising defense spending to upgrade their defense inventories, and increasing adoption of next-generation warfare techniques.

Q4. What are the major segments for monolithic microwave IC (MMIC) market?

Answer: The future of the global monolithic microwave IC (MMIC) market looks promising with opportunities in the consumer/enterprise electronic, wireless communication infrastructure, automotive, aerospace & defense, CATV and wired broadband, and test and measurement markets.

Q5. Who are the key monolithic microwave IC (MMIC) market companies?

Answer: Some of the key monolithic microwave IC (MMIC) companies are as follows:

Analog Devices

Infineon Technologies

Mini-Circuits

NXP Semiconductors

United Monolithic Semiconductors

Skyworks Solutions

Microarray Technologies

Qorvo

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Q6. Which monolithic microwave IC (MMIC) market segment will be the largest in future?

Answer: Lucintel forecast that hemt is expected to witness highest growth over the forecast period.

Q7. In monolithic microwave IC (MMIC) market, which region is expected to be the largest in next 5 years?

Answer: APAC is expected to witness highest growth over the forecast period.

Q.8 Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% customization without any additional cost.

This report answers following 11 key questions:

Q.1. What are some of the most promising, high-growth opportunities for the monolithic microwave IC (MMIC) market by material type (gallium arsenide, indium phosphate, indium gallium phosphide, silicon germanium, and gallium nitride), technology (HEMT, pHEMT, HBT, MESFET, mHEMT, E-pHEMT, and MOS), frequency band (W Band, V Band, L Band, Ka Band, S Band, K Band, C Band, Ku Band, and X Band), application (consumer/enterprise electronics, wireless communication infrastructure, automotive, aerospace & defense, CATV and wired broadband, test and measurement, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

For any questions related to monolithic microwave IC (MMIC) market or related to monolithic microwave IC (MMIC) companies, monolithic microwave IC (MMIC) market size, monolithic microwave IC (MMIC) market share, monolithic microwave IC (MMIC) market growth, monolithic microwave IC (MMIC) market research, write Lucintel analyst at email: helpdesk@lucintel.com we will be glad to get back to you soon.

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