

Global Low-Noise Amplifier Market - Forecasts from 2018 to 2023

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Abstracts

Global Low-Noise amplifier market is estimated to witness a CAGR of 11.02% during the forecast period to reach a total market size of US\$2.965 billion by 2023, increasing from US\$1.583 billion in 2017. Low-noise amplifier (LNA) is a type of electronic amplifier that is used to amplify a weak signal without degrading its signal-to-noise ratio. The low noise amplifiers curtail the effect of noise from subsequent stages in a system. Increasing penetration of smartphones has led to a surge in demand for low noise amplifiers globally. Rapid adoption of E-band to support growing bandwidth demand along with rising use of LTE technology is also positively impacting the low-noise amplifier market growth during the forecast period. Geographically, Asia Pacific will witness the fastest regional market growth during the projected period owing to booming demand for smartphones and expanding ICT infrastructure in the region.

This research study examines the current market trends related to the demand, supply, and sales, in addition to the recent developments. Major drivers, restraints, and opportunities have been covered to provide an exhaustive picture of the market. The analysis presents in-depth information regarding the development, trends, and industry policies and regulations implemented in each of the geographical regions. Further, the overall regulatory framework of the market has been exhaustively covered to offer stakeholders a better understanding of the key factors affecting the overall market environment.

Identification of key industry players in the industry and their revenue contribution to the overall business or relevant segment aligned to the study has been covered as a part of competitive intelligence done through extensive secondary research. Various studies and data published by industry associations, analyst reports, investor presentations, press releases and journals among others have been taken into consideration while

conducting the secondary research. Both bottom-up and top down approaches have been utilized to determine the market size of the overall market and key segments. The values obtained are correlated with the primary inputs of the key stakeholders in the global low noise amplifier value chain. Last step involves complete market engineering which includes analyzing the data from different sources and existing proprietary datasets while using various data triangulation methods for market breakdown and forecasting. Market intelligence is presented in the form of analysis, charts, and graphics to help the clients in gaining faster and efficient understanding of the market.

Major industry players profiled as part of the report are Infineon Technologies AG, Teledyne Microwave Solutions, and Skyworks Solutions, Inc among others.

Segmentation

By Material

Silicon Germanium

Silicon

Gallium Arsenide

Gallium Nitride

By Frequency

60 GHz

By Industry Vertical

Consumer Electronics

Healthcare

Communications and Technology

Manufacturing

Aerospace and Defense

By Geography

North America

US

Canada

Mexico

Others

South America

Brazil

Argentina

Others

Europe

UK

Germany

France

Italy

Others

Middle East and Africa

Saudi Arabia

UAE

Israel

Others

Asia- Pacific

Japan

China

India

Australia

South Korea

Others

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