

Covid-19 Impact on Global Level Translators Market Insights, Forecast to 2026

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Abstracts

Logic level translation refers to the communication between logical devices within a system. In modern electronics, it is often the case that these devices operate on different voltage rails or levels. This is especially true in modern CMOS devices, which continue to decrease in size, and thus requires lower voltages. When these circuits need to communicate with circuits that operate at a different voltage level, a logic translator is used.

Many factors must be accounted for when translating voltages. Modern devices run at very high frequencies, and there are inherent parasitic capacitances involved in translation. Often logic voltage shifts cannot operate at the same speed as the individual circuits they are translating for. This is especially true of up shifting, or raising the voltage from high to low, which is much more difficult and lossy than dropping the voltage.

In computers, the three main voltages rails used today are 5V, 3.3V, and 1.8V. Many translators exist to convert between these levels. Some even allow for bi-directional conversion, which can upshift and downshift within the same general circuit. Usually component-wise, the translation circuits are designed from resistive capacitive or resistive transistor networks, or a combination of both.

Since the COVID-19 virus outbreak in December 2019, the disease has spread to almost 100 countries around the globe with the World Health Organization declaring it a public health emergency. The global impacts of the coronavirus disease 2019 (COVID-19) are already starting to be felt, and will significantly affect the Level Translators market in 2020.

COVID-19 can affect the global economy in three main ways: by directly affecting production and demand, by creating supply chain and market disruption, and by its financial impact on firms and financial markets.

The outbreak of COVID-19 has brought effects on many aspects, like flight



cancellations; travel bans and quarantines; restaurants closed; all indoor events restricted; over forty countries state of emergency declared; massive slowing of the supply chain; stock market volatility; falling business confidence, growing panic among the population, and uncertainty about future.

This report also analyses the impact of Coronavirus COVID-19 on the Level Translators industry.

Based on our recent survey, we have several different scenarios about the Level Translators YoY growth rate for 2020. The probable scenario is expected to grow by a xx% in 2020 and the revenue will be xx in 2020 from US\$ xx million in 2019. The market size of Level Translators will reach xx in 2026, with a CAGR of xx% from 2020 to 2026. With industry-standard accuracy in analysis and high data integrity, the report makes a brilliant attempt to unveil key opportunities available in the global Level Translators market to help players in achieving a strong market position. Buyers of the report can access verified and reliable market forecasts, including those for the overall size of the global Level Translators market in terms of both revenue and volume.

Players, stakeholders, and other participants in the global Level Translators market will be able to gain the upper hand as they use the report as a powerful resource. For this version of the report, the segmental analysis focuses on sales (volume), revenue and forecast by each application segment in terms of sales and revenue and forecast by each type segment in terms of revenue for the period 2015-2026.

Production and Pricing Analyses

Readers are provided with deeper production analysis, import and export analysis, and pricing analysis for the global Level Translators market. As part of production analysis, the report offers accurate statistics and figures for production capacity, production volume by region, and global production and production by each type segment for the period 2015-2026.

In the pricing analysis section of the report, readers are provided with validated statistics and figures for price by manufacturer and price by region for the period 2015-2020 and price by each type segment for the period 2015-2026. The import and export analysis for the global Level Translators market has been provided based on region.

Regional and Country-level Analysis

The report offers an exhaustive geographical analysis of the global Level Translators market, covering important regions, viz, North America, Europe, China, Japan and South Korea. It also covers key countries (regions), viz, U.S., Canada, Germany, France, U.K., Italy, Russia, China, Japan, South Korea, India, Australia, Taiwan,



Indonesia, Thailand, Malaysia, Philippines, Vietnam, Mexico, Brazil, Turkey, Saudi Arabia, U.A.E, etc.

The report includes country-wise and region-wise market size for the period 2015-2026. It also includes market size and forecast by each application segment in terms of volume for the period 2015-2026.

Competition Analysis

In the competitive analysis section of the report, leading as well as prominent players of the global Level Translators market are broadly studied on the basis of key factors. The report offers comprehensive analysis and accurate statistics on sales by the player for the period 2015-2020. It also offers detailed analysis supported by reliable statistics on price and revenue (global level) by player for the period 2015-2020.

On the whole, the report proves to be an effective tool that players can use to gain a competitive edge over their competitors and ensure lasting success in the global Level Translators market. All of the findings, data, and information provided in the report are validated and revalidated with the help of trustworthy sources. The analysts who have authored the report took a unique and industry-best research and analysis approach for an in-depth study of the global Level Translators market.

The following manufacturers are covered in this report:

Texas Instruments
Nexperia
Microchip Technology
NXP Semiconductors
ON Semiconductor
Diodes Incorporated
Adafruit Industries
Analog Devices
Cypress Semiconductor



Intersil
Renesas Electronics
SparkFun Electronics
STMicroelectronics
Level Translators Breakdown Data by Type
3-State
Open Drain
Others
Level Translators Breakdown Data by Application
5V
3.3V
1.8V
Others



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