

Global Automotive CAN and LIN Transceivers Production, Demand and Key Producers, 2022-2028

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Abstracts

With more and more electronic devices in automobiles, all of these electronic devices require in-vehicle networks (IVNs) for transmission and data collection.

At present, common IVNs include CAN, LIN, FlexRay, MOST, SENT, etc, among which, CAN and LIN are the most commonly used mainstream technologies.

CAN is a bus standard for vehicles with diverse features. It is designed to allow single chips and instruments on the network to communicate with each other without the need for a host. It is based on the information transmission protocol. At the beginning of the design, multi-task multiplexed communication cables were used on vehicles to reduce the usage of copper wires. CAN has good flexible adjustment capability and can add nodes to the existing network without making adjustments in software and hardware. In addition, the transmission of information is not based on special types of nodes, which increases the convenience of upgrading the network.

The LIN bus is designed to transfer low-speed data from the control devices at the lowest possible cost, with an aim to eliminate as much wiring as possible and is implemented using a single wire in each node. Each node has a slave MCU state machine that identifies and transforms instructions specific to the feature. The main attraction of the LIN bus is that not all features are time-tight and are usually related to passenger comfort. LIN is typically used in rearview mirrors, glass lifters, door switches, door locks, vehicle seats, engine sensors, engine cooling fans, wiper controls, rain sensors, light controls, sunroofs, etc.

This report studies the global Automotive CAN and LIN Transceivers production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Automotive CAN and LIN Transceivers, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2021 as the base year. This report explores demand trends and competition, as well as details the characteristics of Automotive CAN and LIN Transceivers that contribute to its increasing demand across many markets.

The global Automotive CAN and LIN Transceivers market size is expected to reach \$ million by 2028, rising at a market growth of % CAGR during the forecast period (2022-2028).

Highlights and key features of the study

Global Automotive CAN and LIN Transceivers total production and demand, 2017-2028, (M Units)

Global Automotive CAN and LIN Transceivers total production value, 2017-2028, (USD Million)

Global Automotive CAN and LIN Transceivers production by region & country, production, value, CAGR, 2017-2028, (USD Million) & (M Units)

Global Automotive CAN and LIN Transceivers consumption by region & country, CAGR, 2017-2028 & (M Units)

U.S. VS China: Automotive CAN and LIN Transceivers domestic production, consumption, key domestic manufacturers and share

Global Automotive CAN and LIN Transceivers production by manufacturer, production, price, value and market share 2017-2022, (USD Million) & (M Units)

Global Automotive CAN and LIN Transceivers production by Type, production, value, CAGR, 2017-2028, (USD Million) & (M Units)

Global Automotive CAN and LIN Transceivers production by Application production, value, CAGR, 2017-2028, (USD Million) & (M Units)

This reports profiles key players in the global Automotive CAN and LIN Transceivers market based on the following parameters – headquarters, production locations,

products portfolio, Automotive CAN and LIN Transceivers revenue, sales, average price and gross margin, recent developments.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Automotive CAN and LIN Transceivers market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (M Units) and average price (US\$/K Units) by manufacturer, by Type, and by Application. Data is given for the years 2017-2028 by year with 2021 as the base year, 2022 as the estimate year, and 2028 as the forecast year.

Global Automotive CAN and LIN Transceivers Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Global Automotive CAN and LIN Transceivers Market, Segmentation by Type

Automotive CAN Transceivers

Automotive LIN Transceivers

Global Automotive CAN and LIN Transceivers Market, Segmentation by Application

Passenger Car

Commercial Vehicle

Companies Profiled:

NXP Semiconductor

Texas Instruments

Infineon Technologies

onsemi

Analog Devices

Microchip Technology

STMicroelectronics

MaxLinear

Renesas Electronics

Silicon IoT

Chipanalog

Novosense Microelectronics

Elmos Semiconductor

Guangzhou Zhiyuan Electronics

CAES

Huaguan Semiconductor

Key Questions Answered

1. How big is the global Automotive CAN and LIN Transceivers market?
2. What is the demand of the global Automotive CAN and LIN Transceivers market?
3. What is the year over year growth of the global Automotive CAN and LIN Transceivers market?
4. What is the production and production value of the global Automotive CAN and LIN Transceivers market?
5. Who are the key producers in the global Automotive CAN and LIN Transceivers market?
6. What are the growth factors driving the market demand?

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