BUSINESS BREAKDOWN
RENESAS AT A GLANCE

RENESAS ELECTRONICS CORPORATION

BIG IDEAS FOR EVERY SPACE

RENESAS

2021 RENESAS' REVENUE BY BUSINESS DOMAINS

Others, 2%

Industrial / Infrastructure / IoT 52%
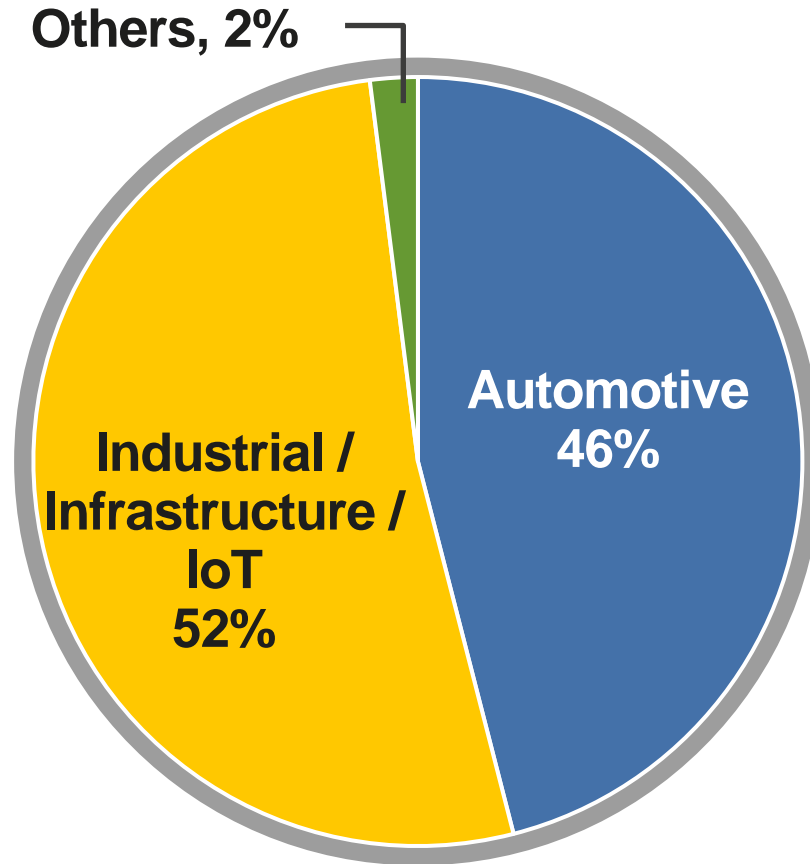
Automotive 46%

Automotive Business

462.3 Billion Yen

Industrial, Infrastructure, IoT Business

515.5 Billion Yen

Others

16.6 Billion Yen
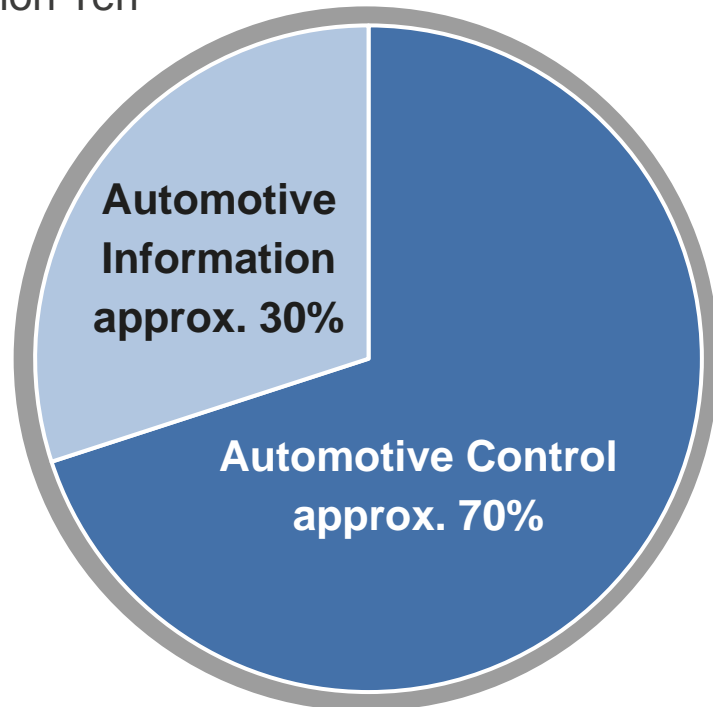
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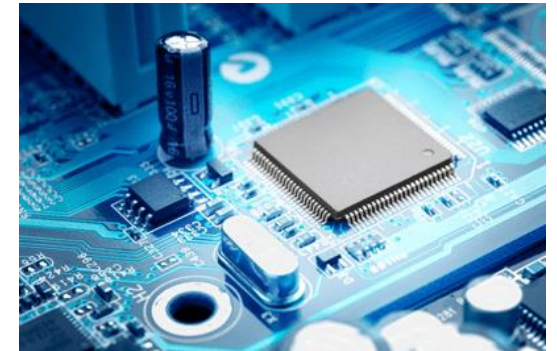
RENESAS

AUTOMOTIVE BUSINESS

Renesas offers high value-added system solutions combining the world-leading automotive microcontrollers/System-on-Chips and analog & power products that help advance functions in vehicles for the realization of ADAS and autonomous driving.

Automotive Business

462.3 Billion Yen

Automotive Information approx. 30%

Automotive Control approx. 70%

Major Products

- MCUs (microcontrollers)
- SoCs (system-on-chips)
- analog semiconductor devices
- power semiconductor devices

Applications

- Automotive Control
  For controlling automobile engines, bodies and xEV, etc.
- Automotive Information
  For automotive information systems such as navigation systems, ADAS systems, etc.
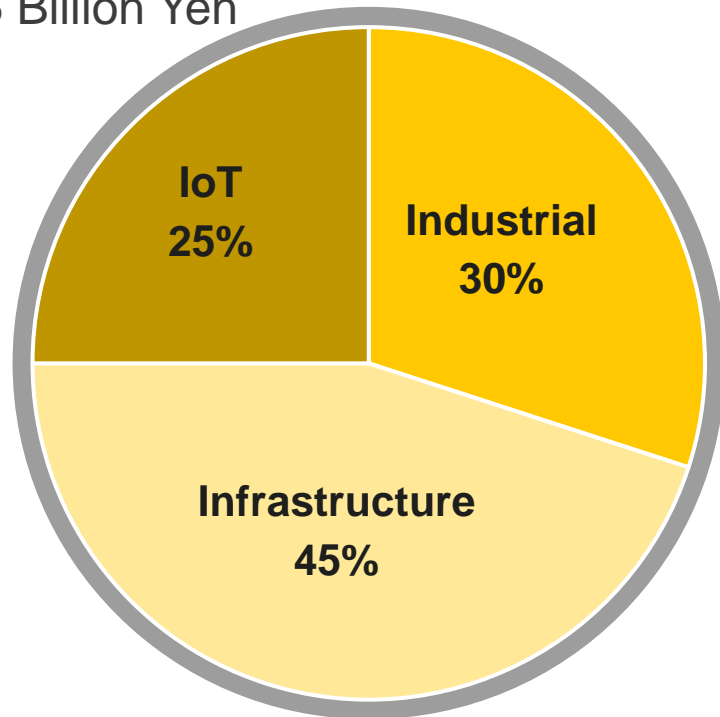
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RENESAS

INDUSTRIAL, INFRASTRUCTURE & IoT BUSINESS

Combination of its world-leading microcontrollers with a rich line-up of high-performance analog & power products provides embedded design innovations for a broad range of industrial, infrastructure, and IoT applications.

Industrial Business
515.5 Billion Yen

Major Products

- MCUs (microcontrollers)
- SoCs (system-on-chips)
- analog semiconductor devices

Applications

- Industrial
  For factory automation (FA) equipment, etc
- Infrastructure
  For data center (DC), base station equipment, etc
- IoT
  For home appliances, broad-based products, etc

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REFERENCE：SEMICONDUCTOR PRODUCTS RENESAS OFFERS

MCU (microcontrollers)

MCU is a semiconductor integrating computing capabilities into a single chip. MCU works as a brain of various electric appliances and controls appliances according to pre-installed program.

Analog Semiconductor Devices

Analog IC is an IC which processes analog signals. Analog IC is classified into Linear IC and Mixed Signal IC. Linea IC is composed of analog circuits whereas Mixed Signal IC is composed of both analog and digital circuits.

Power Semiconductors

Power Devices are semiconductor devices that convert, control and supply electric power in accordance with components used.

SoC (system-on-chip)

SoC is a semiconductor that integrates several functions necessary for running equipment and systems into a single chip.

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