



# **INDEX**

Quality Policy	3
Company Data	4
Our Purpose	5
Renesas Culture	6
Leadership Team	7
■ Global Network	8
■ Global Manufacturing Network	S
Organization of Quality Assurance Group	10
Quality Assurance Global Network	11
Quality Assurance System	12
<ul> <li>Quality Assurance Flow</li> </ul>	13
<ul> <li>Customer Complaint Handling</li> </ul>	14
Change Control System	15
Corrective Action flow	16
■ ISO 9001 / IATF 16949 Certification	17~19





## **QUALITY POLICY**

# Renesas Electronics Group Quality Policy

We aim to deliver customer satisfaction and enhance society by providing highly reliable and high-quality products and services.

We abide by the following principles in all stages of our business activities—including sales, design, development and manufacturing—in accordance with our corporate quality management system.

We will:

- Comply with all applicable legal and regulatory requirements
- Enhance product safety and trust
- Commit to continuously improve the quality of products and services
- Strive to continually improve our quality management system



# **COMPANY DATA**

<b>Company Name</b>	Renesas Electronics Corporation
Headquarters	TOYOSU FORESIA, 3-2-24 Toyosu, Koto-ku, Tokyo 135-0061, Japan
Capital Stock	153,209 million yen (As of December 31, 2023)
Established	November 1, 2002 (Started Operation on April 1, 2010)
Major Operations	Research, development, design, manufacture, sale, and servicing of semiconductor products
Employees	21,204 (Consolidated, as of December 31, 2023)
Representative	Hidetoshi Shibata, Director, Representative Executive Officer, President and CEO
Stock Code	Tokyo Stock Exchange, Prime Market (Since July 24, 2003, TSE:6723)
Website	www.renesas.com

# **OUR PURPOSE**

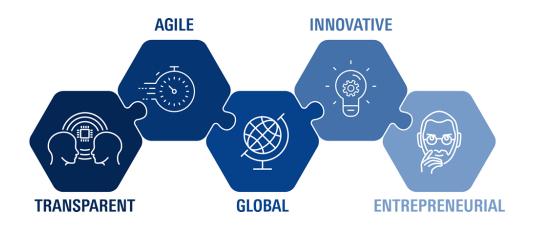
### **To Make Our Lives Easier**

by complementing human capabilities



#### RENESAS CULTURE

Renesas Culture is a guideline of conduct that should be shared across the Renesas Group and all our employees. Each employee can grab the initiative by embodying this Culture and incorporating it across various decision-making processes in all activities.



#### **Transparent**

The leadership team's strategy and policy, the company's current situation, as well as the issues and thoughts of each business organization should be well understood among employees.

#### **Agile**

In order to respond to changes in a timely manner, we should identify the likely outcomes and implications as quickly as possible, make decisions quickly, and rapidly take or correct actions, and act at a high velocity.

#### Global

It is essential for us to have a global perspective. We should facilitate communication not only through improved language skills, but also through the use of other methods such as the use of numbers and data.

#### **Innovative**

Each and every one of our employees should embody "Innovation" using their imagination and creativity to improve their work and contribute to the realization of a better society.

#### **Entrepreneurial**

Individual employees should act professionally, voluntarily, and independently as if they are "running their own business" and are responsible for the results they deliver.





#### **LEADERSHIP TEAM**

CEO

**CFO** 

**CHRO** 

**CSO** 

**Strategic Initiatives** and UX

**Operations** 















Analog & Connectivity

**Embedded Processing** 

**High Performance Computing** 

Power

Software & **Digitalization** 







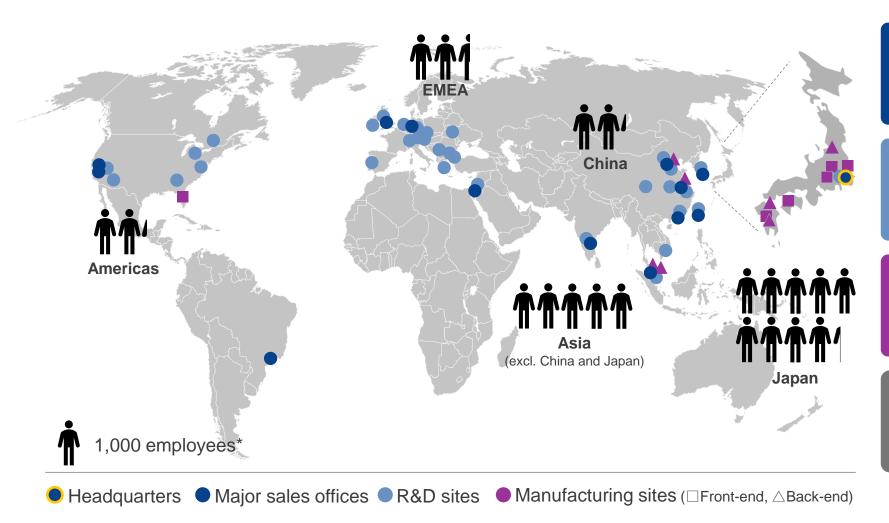


Aram Mirkazemi

CEO: Chief Executive Officer CFO: Chief Financial Officer CHRO: Chief Human Resources Officer CSO: Chief Sales Officer

As of January 1, 2025

#### **GLOBAL NETWORK**



Global sales network operating across more than 20 countries

Comprehensive R&D capabilities enable seamless support across the globe

13 manufacturing facilities in Japan, China, Southeast Asia, and the US

Global partners such as TSMC and GLOBALFOUNDRIES

<sup>\*</sup> Consolidated, as of December 31, 2023

## GLOBAL MANUFACTURING NETWORK

- 13 manufacturing facilities in Japan, China, Southeast Asia, and the US
- Global partners such as TSMC and GLOBALFOUNDRIES



## ORGANIZATION OF QUALITY ASSURANCE GROUP

**Operations** 

**Quality Assurance Division** 

**Strategic Quality Planning** 

**Supply Quality Engineering** 

**Design Quality Engineering** 

**Digital Product Quality Engineering** 

**A&P Product Quality Engineering** 

**Automotive Customer Quality Engineering** 

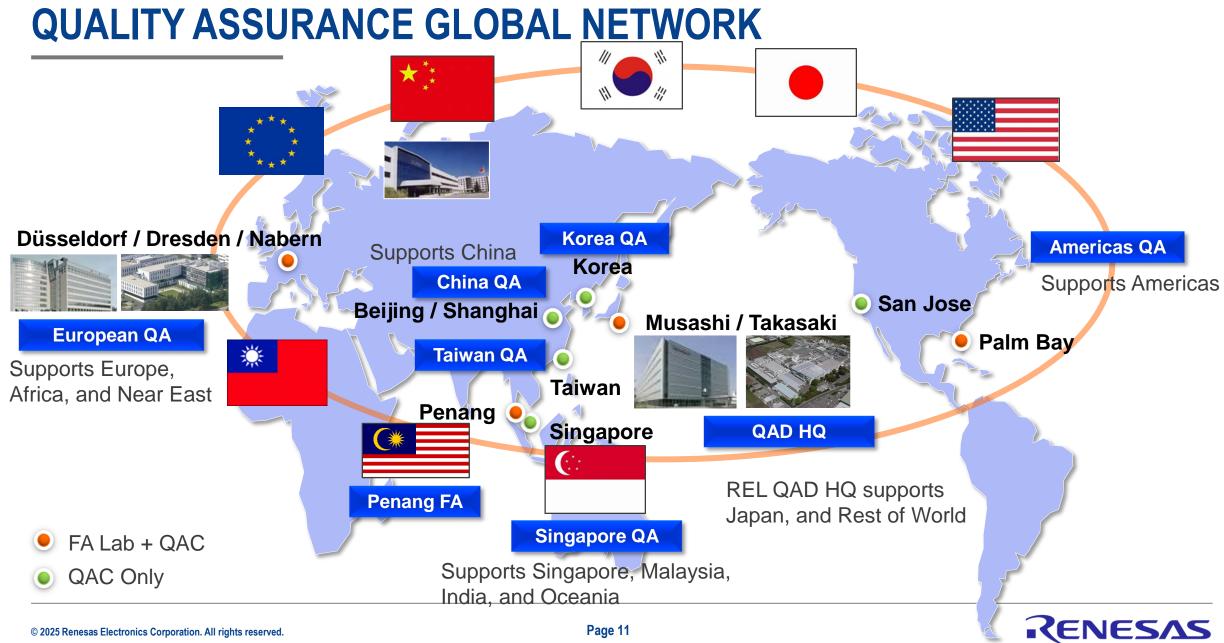
**Industrial Customer Quality Engineering** 

**Failure Analysis Laboratory** 

**Reliability Laboratory** 

**QAD Staff Team** 

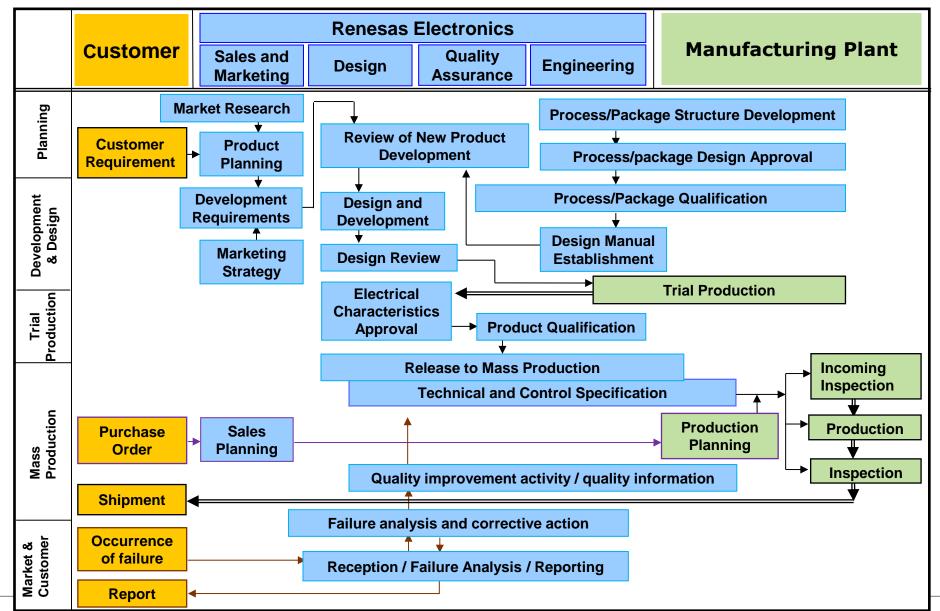




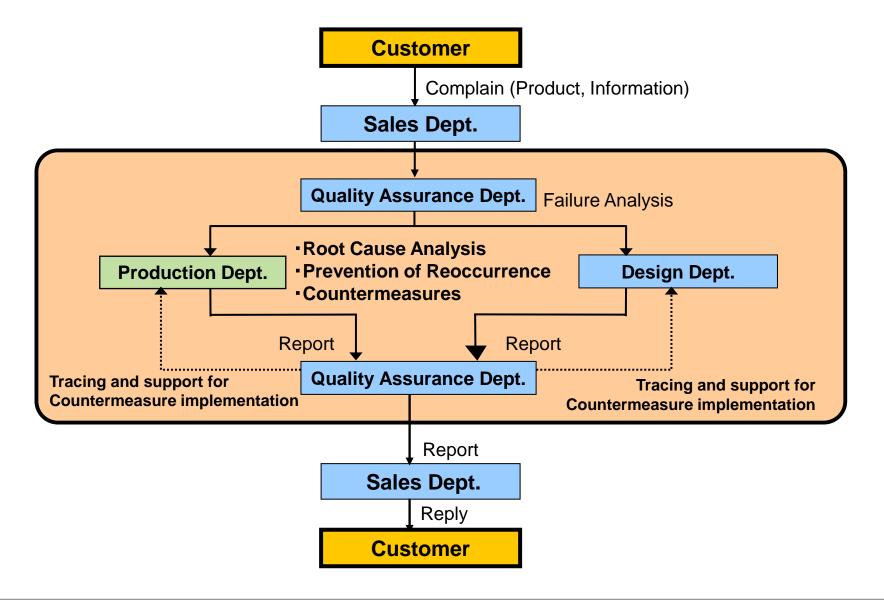
## **QUALITY ASSURANCE SYSTEM**

Development flow **Customer Support** We build quality into the products from the Action flow development stage, through continuous Provision of user's guide improvement of the production processes, in order Quality information Information flow for more competitive quality and reliability. Failure Qualification Quality meetings In addition to above, we have an established Relation **Analysis** support with customer comprehensive quality assurance system with product quality monitoring and customer support Customer Support ensuring customer's confidence through on quality, serving for customer's confidence in provision of easy-to-understand documents and technical our products. information, engineering support activities and quality support for customer Test/ **Development** Design / Trial run Customer **Production process** inspection **Quality and Reliability improvement** Failure Reliability Reliability Data technology physics collection analysis **Process Quality Control Design Quality Control Product Quality Control** Education Document control Operator qual. Verification by Design Review Reliability design quality assurance test Management of facilities Change **Environment** and measuring equipment management Ongoing reliability test Process/Packaging structure design control Parts/material SPC Yield Abnormality Warehousing and Qualification system improvement | Control shipping control management Activities for built-in quality by process control using Built-in quality and reliability Product quality and reliability level scientific and statistical methods and by 4M control. with design methods optimized for micromonitoring with sampling Activities for preventing defective products from leaving fabrication and large scaling inspections and reliability testing the manufacturing plant by detecting unusual data trends and design review focusing on points of and signs of abnormalities at an early stage change

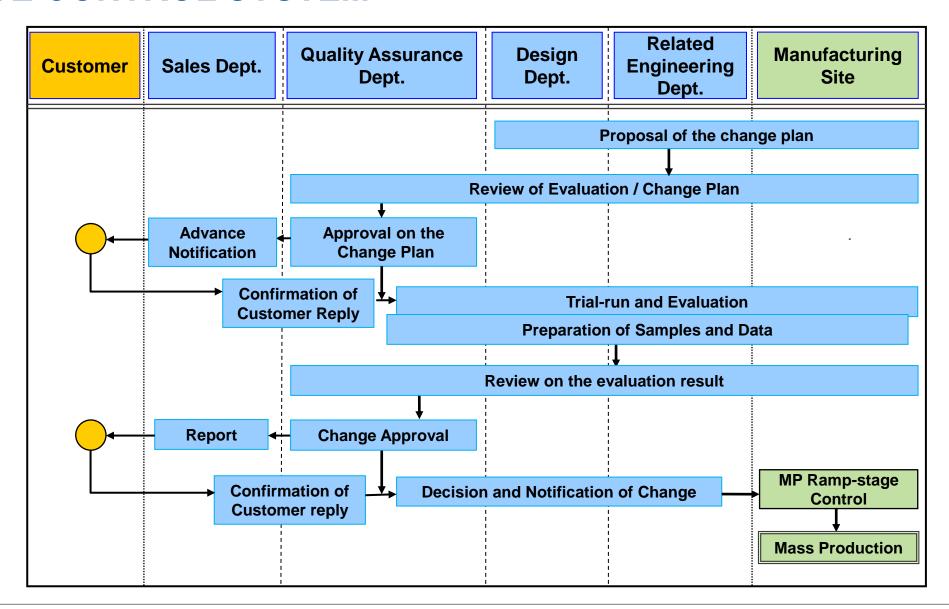
## **QUALITY ASSURANCE FLOW**



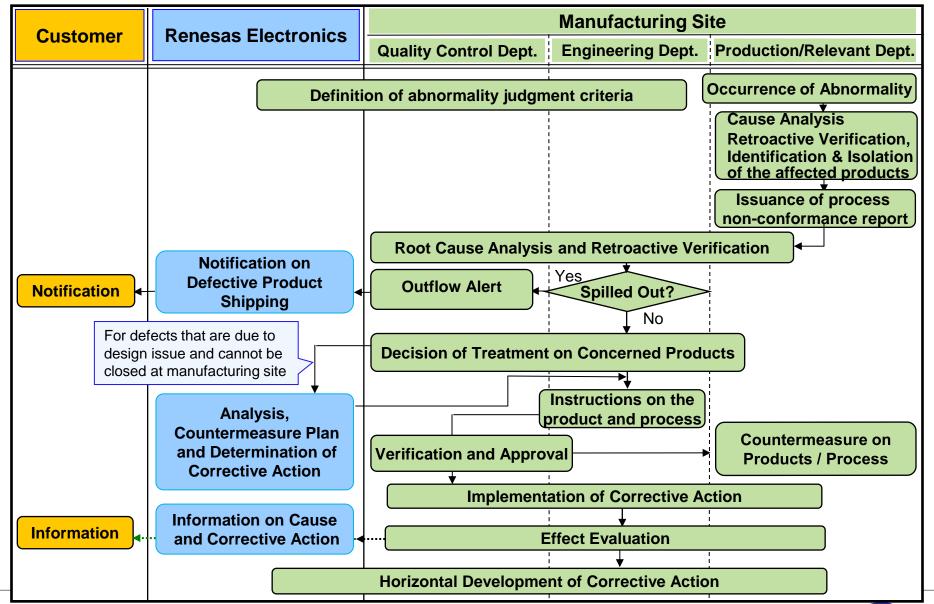
#### **CUSTOMER COMPLAINT HANDLING**



#### **CHANGE CONTROL SYSTEM**



#### **CORRECTIVE ACTION FLOW**



# ISO 9001 / IATF 16949 CERTIFICATION

\* supporting function.

Company	Location	ISO 9001	IATF 16949
Renesas Electronics Corporation	Headquarters	Х	*
	Musashi Site	Х	*
	Takasaki Site	Х	*
	Naka Site	Х	*
	Yonezawa Factory	Х	Х
	Oita Factory	Х	Х
	Nishiki Factory	Х	Х
Renesas Semiconductor Manufacturing Co., Ltd.	Naka Factory	Х	Х
	Takasaki Factory	Х	х
	Saijo Factory	Х	Х
	Kawashiri Factory	Х	Х
Renesas Semiconductor (Beijing) Co., Ltd.	-	Х	Х
Renesas Semiconductor (Suzhou) Co., Ltd.	-	Х	х
Renesas Semiconductor KL Sdn. Bhd.	-	Х	х
Renesas Semiconductor (Malaysia) Sdn. Bhd.	-	Х	х
Renesas Semiconductor (Kedah) Sdn. Bhd.	-	Х	х
Renesas Semiconductor Design (Malaysia) Sdn. Bhd.	-	Х	-
Renesas Design Vietnam Co., Ltd.	-	Х	-

# ISO 9001 / IATF 16949 CERTIFICATION

\* supporting function.

Company	Location	ISO 9001	IATF 16949
Renesas International Operations Sdn. Bhd.	-	Х	*
Renesas Electronics Penang Sdn. Bhd	-	Х	*
Renesas Semiconductor Design (Beijing) Co., Ltd.	Beijing	Х	*
	Suzhou	Х	*
Renesas Design Korea Inc.	-	Х	-
Renesas Electronics Taiwan Co., Ltd.	Zhubei	Х	-
	Asia Test Center	Х	-
Renesas Electronics America Inc.	Palm Bay	Х	х
	Milpitas Design Center	Х	*
	Morrisville	Х	*
	Austin Design Center	Х	-
	San Jose	Х	-
	Tempe Design Center	Х	-
Renesas Design North America Inc.	San Jose	Х	-
	Chandler	Х	-
Renesas Design Technology Inc.	Milpitas	Х	-
Renesas Design US Inc.	San Jose	Х	-

# ISO 9001 / IATF 16949 CERTIFICATION

\* supporting function.

Company	Location	ISO 9001	IATF 16949
Renesas Electronics Europe GmbH	Dusseldorf	Х	*
	Bourne End	Х	-
Renesas Electronics Germany GmbH	Dresden	Х	Х
	Munich	-	*
Renesas Design Bulgaria EOOD	Sofia	Х	-
	Varna	Х	-
Renesas Design Bingen GmbH	Bingen	Х	х
	Dresden	Х	*
Renesas Design (UK) Limited	Bourne End	Х	-
	Swindon	Х	-
	Edinburgh	Х	-
Renesas Design Germany GmbH	Nabern	Х	-
	Germering	Х	-
Renesas Design Netherlands B.V.	-	Х	-
Renesas Design Greece Single-Member S.A.	-	Х	-

Renesas.com

