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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

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

MAJOR OPERATIONS

- Research
- Development
- Design

- Manufacture
- Sale and servicing

of semiconductor products

REPRESENTATIVES

Tetsuya Tsurumaru
Representative Director, Chairman

Bunsei Kure
Representative Director, President and CEO

KEY FIGURES

- Capital Stock: 10.0 billion yen
- Sales: 780.3 billion yen (*1)
- Employees: 20,074 (*2)

BASIC INFORMATION

Renesas Electronics Corporation
Established on November 1, 2002 as NEC Electronics Corporation.
(Started operations on April 1, 2010 as Renesas Electronics Corporation)

TOYOSU FORESIA 3-2-24, Toyosu, Koto-ku, Tokyo 135-0061 Japan
Tokyo Stock Exchange, First Section
(Since July 24, 2003, TSE:6723)
www.renesas.com

*1 Fiscal year ended December 31, 2017
*2 Consolidated, as of March 31, 2017
RENESAS GROUP CORPORATE VISION AND MISSION

VISION

Renesas creates leading semiconductor solutions that spark innovation for a connected world, building a trusted brand we can be proud of.

MISSION

1. Drive progress toward a safer, healthier, greener, and smarter world.
2. Deliver creative semiconductor solutions and support that meet and exceed customer expectations.
3. Strengthen our offering to customers in focus segments through strategic partnerships, alliances and acquisitions.
4. Develop a global culture that encourages open communication, collaboration, and respect for diversity.
5. Seek continuous improvement in everything we do.
## ORGANIZATION STRUCTURE
(AS OF JANUARY 1, 2018)

<table>
<thead>
<tr>
<th>Inside Director</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tetsuya Tsurumaru</td>
<td>Chairman</td>
</tr>
<tr>
<td>Hidetoshi Shibata</td>
<td>CFO</td>
</tr>
<tr>
<td>Bunsei Kure</td>
<td>President &amp; CEO</td>
</tr>
<tr>
<td>Hirotaka Yamanami</td>
<td>EVP</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Outside Director</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tetsuro Toyoda, Kenichi Hattori, Jiro Iwasaki</td>
<td>Outside Director:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Outside Corporate Auditor</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kazuki Fukuda, Yoshinobu Shimizu (part-time), Kazuyoshi Yamazaki (part-time), Takeshi Sekine (part-time)</td>
<td>Outside Corporate Auditor:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CEO: Chief Executive Officer / CFO: Chief Financial Officer / EVP: Executive Vice President / SVP: Senior Vice President</th>
</tr>
</thead>
</table>

### Automotive Solution Business
- **Ryuji Omura**
  - EVP
- **Shinichio Yoshioka**
  - SVP

### Industrial Solution Business
- **Yoshikazu Yokota**
  - EVP
- **Michael Hannawald**
  - SVP

### Broad-based Solution Business
- **Necip Sayiner**
  - EVP
- **Hiroto Nitta**
  - SVP

### Supply Chain Management
- **Manabu Kawashima**
  - EVP

### Production and Technology
- **Masahiko Nozaki**
  - EVP

### China Business
- **Tomomitsu Maoka**
  - SVP
QUALITY ASSURANCE SYSTEM

We build quality into the products from the development stage, through continuous improvement of the production processes, in order for more competitive quality and reliability.

In addition to above, we have an established comprehensive quality assurance system with product quality monitoring and customer support on quality, serving for customer’s confidence in our products.

Build quality and reliability with design methods optimized for microfabrication and large scaling and design review focusing on points of change.

Activities for built-in quality by process control using scientific and statistical methods and by 4M control.

Activities for preventing defective products from leaving the manufacturing plant by detecting unusual data trends and signs of abnormalities at an early stage.
PROCEDURE OF QUALITY ASSURANCE SYSTEM

Customer

- Market research
- Product planning
- Development Requirements
- Marketing Strategy
- Review of New Product Development
- Design and Development
- Design Review
- Electrical characteristics approval
- Process/package structure development
- Process/package design approval
- Process/package qualification
- Design manual establishment
- Prototype production
- Product qualification
- Mass Production release

Sales and Marketing

- Purchase Order
- Sales Planning
- Shipment
- Failure analysis and corrective action
- Quality improvement activity / quality information

Renesas Electronics

- Design
- Quality Assurance
- Engineering

Manufacturing Plant

- Incoming Inspection
- Production Planning
- Production
- Inspection

- Technical and control specification
- Reception / Failure Analysis / Reporting

Planning stage
Development & Design stage
Prototype stage
Mass Production
Market & Customer

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CUSTOMER COMPLAINT HANDLING

1. Customer
   - Failure products (Information)

2. Sales Dept.
   - Report
   - Quality Assurance Dept.
     - Failure Analysis
     - Production Dept.
       - Root cause analysis
       - Prevention of reoccurrence
       - Countermeasures
     - Design Dept.
       - Report

   - Tracing and support for Countermeasure implementation
   - Report

4. Sales Dept.
   - Reply

5. Customer
CHANGE CONTROL SYSTEM


- Proposal of the change plan
  - Review and evaluation of the change plan
    - Prototype evaluation
      - Preparation of samples and data
    - Review on the evaluation result
      - Decision and order of the change
    - Change approval
      - Customer reply confirmation
        - Report
          - Advance notification
            - Approval on the change plan
              - Customer reply confirmation

MP Ramp-stage Control | Mass Production

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CORRECTIVE ACTION FLOW

<table>
<thead>
<tr>
<th>Customer</th>
<th>Renesas Electronics</th>
<th>Manufacturing Site</th>
</tr>
</thead>
<tbody>
<tr>
<td>QC Dept.</td>
<td>Engineering Dept.</td>
<td>Production-relevant Dept.</td>
</tr>
</tbody>
</table>

- Occurrence of abnormality
- Cause Analysis
  - Retroactive verification, Identification & isolation of the affected products
- Issuance of process non-conformance report

**Notification on defective product shipping**

- For defects that are due to design and cannot be closed at factories
- Analysis, countermeasure planning and determination of corrective action
- Information on cause and corrective action

- Outflow alert
  - Spilled out?
  - No
  - Decision of treatment on concerned products
  - Instructions on the product and process
  - Countermeasure on Products / process
  - Verification and approval
  - Implementation of corrective action
  - Effect evaluation
  - Horizontal development of corrective action

- Yes
  - Root cause analysis and retroactive verification
  - Information on cause and corrective action
## SUMMARY OF ISO,TS CERTIFICATION

### [Japan]

<table>
<thead>
<tr>
<th>Company</th>
<th>ISO9001</th>
<th>ISO/TS 16949</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Renesas Electronics Corporation</strong></td>
<td>Yes</td>
<td>(*)</td>
</tr>
<tr>
<td>Headquarters</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Musashi Site</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Takasaki Site</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Renesas Semiconductor Manufacturing Co., Ltd.</strong></td>
<td>Yes</td>
<td>(*)</td>
</tr>
<tr>
<td>Headquarters (Naka)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Naka Factory</td>
<td></td>
<td>Yes</td>
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<tr>
<td>Takasaki Factory</td>
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<td>Yes</td>
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<tr>
<td>Shiga Factory</td>
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<td>Yes</td>
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<tr>
<td>Yamaguchi Factory</td>
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<td>Yes</td>
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<tr>
<td>Saijo Factory</td>
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<td>Yes</td>
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<tr>
<td>Kochi Factory</td>
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<td>Yes</td>
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<tr>
<td>Kawashiri Factory</td>
<td></td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Renesas Semiconductor Package &amp; Test Solutions Co., Ltd.</strong></td>
<td>Yes</td>
<td>(*)</td>
</tr>
<tr>
<td>Headquarters (Takasaki)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yonezawa Factory</td>
<td></td>
<td>Yes</td>
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<tr>
<td>Oita Factory</td>
<td></td>
<td>Yes</td>
</tr>
<tr>
<td>Nishiki Factory</td>
<td></td>
<td>Yes</td>
</tr>
<tr>
<td>Sales Department</td>
<td></td>
<td>-</td>
</tr>
<tr>
<td><strong>Renesas Engineering Services Co., Ltd.</strong></td>
<td>-</td>
<td>(*)</td>
</tr>
</tbody>
</table>

(*) = Remote supporting function
<table>
<thead>
<tr>
<th>Company</th>
<th>ISO9001</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Renesas Electronics America Inc.</td>
<td>Yes</td>
<td>(*)</td>
</tr>
<tr>
<td>Renesas Semiconductor (Beijing) Co., Ltd.</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Renesas Semiconductor (Suzhou) Co., Ltd.</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Renesas Semiconductor KL Sdn. Bhd.</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Renesas Semiconductor (Malaysia) Sdn. Bhd.</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Renesas Semiconductor (Kedah) Sdn. Bhd.</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Renesas Semiconductor Design (Malaysia) Sdn. Bhd.</td>
<td>Yes</td>
<td>-</td>
</tr>
<tr>
<td>Renesas Design Vietnam Co., Ltd.</td>
<td>Yes</td>
<td>-</td>
</tr>
<tr>
<td>Renesas Semiconductor Design (Beijing) Co., Ltd</td>
<td>Yes</td>
<td>(*)</td>
</tr>
<tr>
<td>Renesas Electronics Europe GmbH</td>
<td>Yes</td>
<td>(*)</td>
</tr>
<tr>
<td>Renesas Electronics (China) Co., Ltd.</td>
<td>Yes</td>
<td>-</td>
</tr>
<tr>
<td>Renesas Electronics (Shanghai) Co., Ltd.</td>
<td>Yes</td>
<td>(*)</td>
</tr>
<tr>
<td>Renesas Electronics Hong Kong Limited</td>
<td>Yes</td>
<td>(*)</td>
</tr>
<tr>
<td>Renesas Electronics Taiwan Co., Ltd.</td>
<td>Yes</td>
<td>-</td>
</tr>
<tr>
<td>Renesas Electronics Singapore Pte. Ltd.</td>
<td>Yes</td>
<td>(*)</td>
</tr>
<tr>
<td>Renesas Electronics America Inc. (ex-Intersil Corporation)</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

(*) = Remote supporting function