



UNIVERSITI  
TEKNOLOGI  
MARA

Cawangan Perlis  
Kampus Arau

# **INDUSTRIAL TRAINING REPORT AT RENESAS ELECTRONICS (PENANG) SDN. BHD.**

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**CLASS: RBA243 6B**

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## EXECUTIVE SUMMARY

In my final semester, I had the chance to undertake my industrial training at Renesas Electronics (Penang) Sdn Bhd, a manufacturing company located in Bayan Lepas, Pulau Pinang. During this internship, I worked as a Human Resources Trainee in the Human Resources department. This experience significantly benefited me by enhancing my knowledge and honing my skills for my future career.

Renesas Electronics Corporation has several subsidiaries in Malaysia, including Renesas Semiconductor KL Sdn. Bhd., Renesas Semiconductor Design (Malaysia) Sdn. Bhd., Renesas Semiconductor (Malaysia) Sdn. Bhd., Renesas Semiconductor (Penang) Sdn. Bhd., and Renesas Electronics (Penang) Sdn. Bhd. I was employed under Renesas Electronics (Penang) Sdn. Bhd. This company offers four main products to its customers: Microcontrollers (MCUs), System-on-Chip (SoC) Solutions, Analog and Power Devices, and Memory Products.

Throughout my internship, I was assigned seven tasks: preparing monthly PCB and company tax submissions (CP22 Form) and registrations with the Department of Inland Revenue, liaising with respective departments to update job descriptions and transferring soft copy job descriptions (DL, NE, EX) into SharePoint, updating the filing system for active and inactive employees, assisting new hires during orientation sessions, implementing the 5S methodology in the office, supporting important HR events to ensure smooth execution, and preparing sets of smocks, ESD shoes, and caps for production and engineering employees.

In conclusion, I am delighted with my 6-month internship at this company, as it provided me with extensive experience and personal growth. Additionally, I improved my skills in Microsoft Office applications such as Excel, Word, Outlook, Teams, and PowerPoint. This experience also allowed me to conduct a SWOT analysis and reflect on the entirety of my internship journey.

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## 3.0 COMPANY'S PROFILE

### 3.1 Name, Location & Background



*(Figure 2: Logo of Renesas Electronics (Penang) Sdn Bhd)*

COMPANY'S NAME	LOCATION
Renesas Electronics (Penang) Sdn Bhd	Phase 3, Bayan Lepas, Free Industrial Zone, 11900, Penang Malaysia

#### **Company's Background**

Renesas Electronics Penang Sdn Bhd is a significant subsidiary of Renesas Electronics Corporation, a global leader in semiconductor solutions based in Japan. Located in Bayan Lepas, Penang, Malaysia, this facility specializes in the manufacturing and development of advanced microcontrollers, analog and power devices, and system-on-chip (SoC) solutions. Renesas Electronics Penang presented by Hidetoshi Shibata (Director, Representative Executive Officer, President and CEO of Renesas Electronics Corporation) plays a crucial role in the company's global supply chain, contributing to various industries, including automotive, industrial, and consumer electronics. The facility is committed to technological innovation, collaborating with academic institutions and industry partners to drive advancements in semiconductor technology. Additionally, Renesas Electronics Penang emphasizes sustainability through eco-friendly manufacturing practices and energy-efficient processes, aiming to reduce its environmental impact. The company also engages with the local community, supporting education and social programs to foster positive regional development.

Next, RENESAS, which stands for Renaissance Semiconductor for Advanced Solutions, was formed through the merger of NEC Electronics and Renesas Technology in April 2010, resulting in the creation of Renesas Electronics. As a semiconductor manufacturer, they aim to promptly meet the needs of their global customers, aspiring to become one of their most trusted partners. As you know, Renesas Electronics Corporation, a leading semiconductor manufacturer, has a

corporate culture summarized by the acronym TAGIE. T stands for Transparent, A stands for Agile, G stands for Global, I stands for Innovative and E stands for Entrepreneurial. This culture reflects a way of working that will unlock organizations' full potential to meet and exceed customer expectations. Their goal is to embed TAGIE in everything they do so they will prosper as an indispensable company that creates trust with their stakeholders including their diverse colleagues and customers.

## 3.2 Vision, Mission, Objective, Goal

### 3.2.1 VISION

#### **“To Make Our Lives Easier”**

Renesas Electronics aims to develop a safer, healthier, greener, and smarter world by providing innovative semiconductor solutions that contribute to the advancement of society.

### 3.2.2 MISSION

Renesas Electronics is dedicated to enhancing people's lives through its technologies, which include microcontrollers, system-on-chips, and analog and power devices. Their mission focuses on driving innovation in electronics and delivering customer-centric solutions to meet the diverse needs of their customers across various industries, including automotive, industrial, infrastructure, and IoT sectors.

### 3.2.3 OBJECTIVE

- 1) **Innovation:** To drive continuous innovation in semiconductor technologies and solutions.
- 2) **Customer Focus:** To provide high-quality, reliable products that exceed customer expectations.
- 3) **Sustainability:** To implement sustainable practices in operations, contributing to environmental protection.