Company Profile

Jan 23, 2009
ROHM in Kyoto: The City of Culture

ROHM Co., Ltd.
- LSI Development Center
- VLSI Research Center
- Semiconductor Research Center
- LSI Test Technology Center
- Opto Devices Research Center

The City of Culture

Kyoto Business Center
Merger with Oki Semiconductor

Oki Semiconductor became a part of ROHM Group effective October 1, 2008. On October 1, 2008, ROHM acquired 95% of published stock share of the Semiconductor Business Unit of Oki Electric Co., Ltd., which became a new company named “OKI Semiconductor”, a solely owned subsidiary of ROHM Co., Ltd.

<Respecting strength of each company>

We will provide our customers with more attractive solutions:

We are determined to provide our customers with more aggressive contribution by integrating Oki’s expertise with Rohm’s expertise;

- Solution proposal on original technologies or LSIs by combining Oki’s technologies in infrastructure communication LSIs, wireless communication technologies, automotive electrical know-hows, and ultra low power consumption SOI technologies with Rohm’s cutting edge manufacturing technologies.
- Value added system solution proposals by integrating Rohm’s rich product lineup with Oki’s system technologies.

From customer support point of view, we will reinforce our sales force by maximizing the usage of sales, technology, and quality assurance networks of each company throughout the world.
Our goal is to provide each customer an ideal solution by meeting their market needs through the most advanced production and production system.

KTC LSI Product Development HQ (Kyoto Head Office)

- Driver
  - LED Driver
  - Automotive Driver
  - Motor Driver

- Regulator
  - Automotive & Panel Regulator
  - DC/DC Converter
  - POL Regulator

- Nagoya Design center

YTC LSI Product Development HQ (Shin-yokohama)

- POWER
  - Power Management
  - Mobile Power Management
  - System Power Management
  - Driver

- Audio Visual
  - Advanced Audio
  - System Audio

- System LSI
  - High Speed Data Processing
  - Camera System
  - Image Processing
  - Power Signal
  - System Display

- Memory
- Sensor
- New Technology Development
- Composite devices development

- Development System
- IP
- CAD
- EDA

- Development System
- CAD
- EDA
ROHM Wafer Fabrication to Realize Various Kinds of Designs.

- BiCMOS
  - Storage All in One Chip
    - Control Logic
    - R/W AMP
    - Semiconductors Filter
    - Motor Driver

- CMOS
  - CD-ROM DSP Servo Chip
    - DSP
    - Synchronous SRAM
    - Linear CMOS
    - Logic

- CMOS
  - Mobile Phone Baseband
    - ARM CPU
    - Teak DSP
    - CODEC
    - Linear CMOS

- REAL SOCKET
  - Any Chips Integrated Design
    - Bipolar
    - CMOS
    - Non-volatile Memory
    - Power
The Advanced VLSI Wafer Fab.

The Cutting-edge Fine Geometry Processes

VLSI Research Center (Kyoto Head Office)

Class 1 super clean room at the VLSI Research Center in Kyoto.

ROHM HAMAMATSU CO., LTD.

The leading edge VLSI Wafer Fab.-300mm Wafer processes
-90nm Design rule - 65nm Design rule
In-house Production Technologies

Equipment developed in-house enable flexible production

Common production systems are utilized worldwide, resulting in stable, high quality supply

Example: IC Production

Most production equipment designed and fabricated internally

Process Support Facilities
ROHM Fukuoka

Equipment & Expertise
Worldwide Operations

Large Scale Assembly Facility
ROHM Integrated Systems (Thailand)

Similar production facilities are used to manufacture modules, discrete semiconductors, and passive components

Large Scale Assembly Facility
ROHM Electronics Philippines
Quality and Environmental Awards

- TOYOTA
- Delphi
- BOSCH
- Motorola
- SONY
- Panasonic
- TOSHIBA
- Fujitsu Ten
- Intermec
- Fujitsu
- Motorola
- Delphi
- Zebra
- SONY