

Sohwa & Sophia Technologies

Corporate Profile



Engineering Solution Provider

- Sales of Debug tool for R&D engineers
- Contract Development & Manufacturing

N a m e Sohwa&SophiaTechnologies Inc.

Established April 1, 1983

Locations Headquarters : Kanagawa
Tohoku Branch : Fukushima
Kyushu Branch : Fukuoka
Nagoya Branch : Aichi

C a p i t a l JPY 497,500,000 (KURODA、DENSO)

CEO & COO Masakazu Shiota

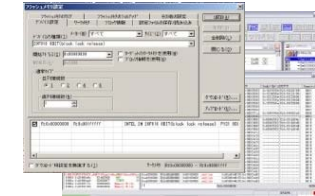
Employees 131 as of April 1, 2025

Contact TEL: 044-981-5280 (Gen)
e-mail: webmaster@ss-technologies.co.jp
URL: <http://www.ss-technologies.co.jp>

Business

Products for R&D Engineers

- Microprocessor development tools
- Personal Analyzers



Hardware & Software engineering and manufacturing services

- Embedded / Evaluation Board Development and Mfg.
- Electronic Circuit Design, Board Design & Mfg.
- SI/PI/EMI/Electromagnetic Field Simulation
- FPGA Design
- OS Porting, Firmware Development
- Driver, Middleware, Application Development
- Product Evaluation / Debugging
- OEM/ODM

■ Headquarters



■ Tohoku Branch



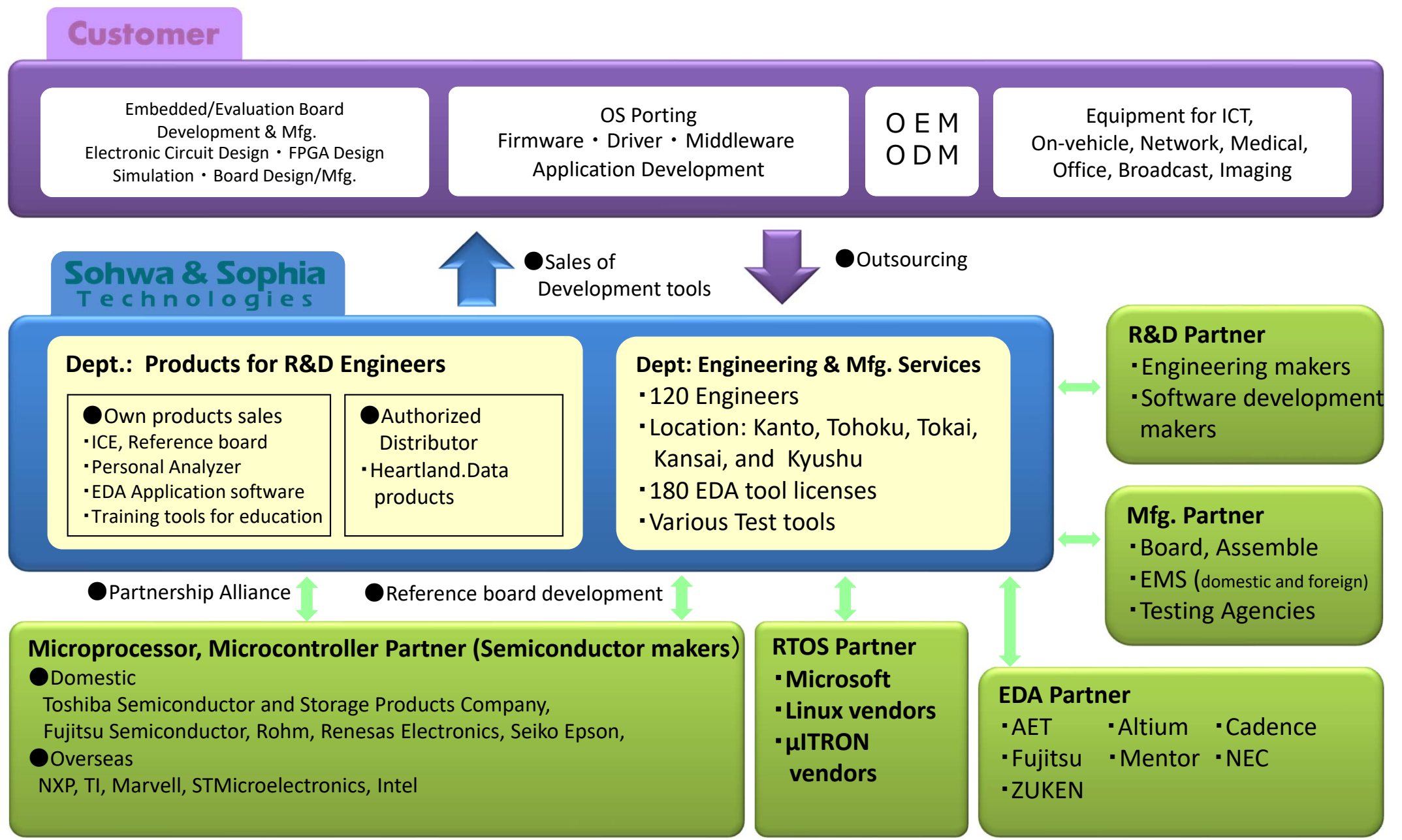
■ Kyushu Branch



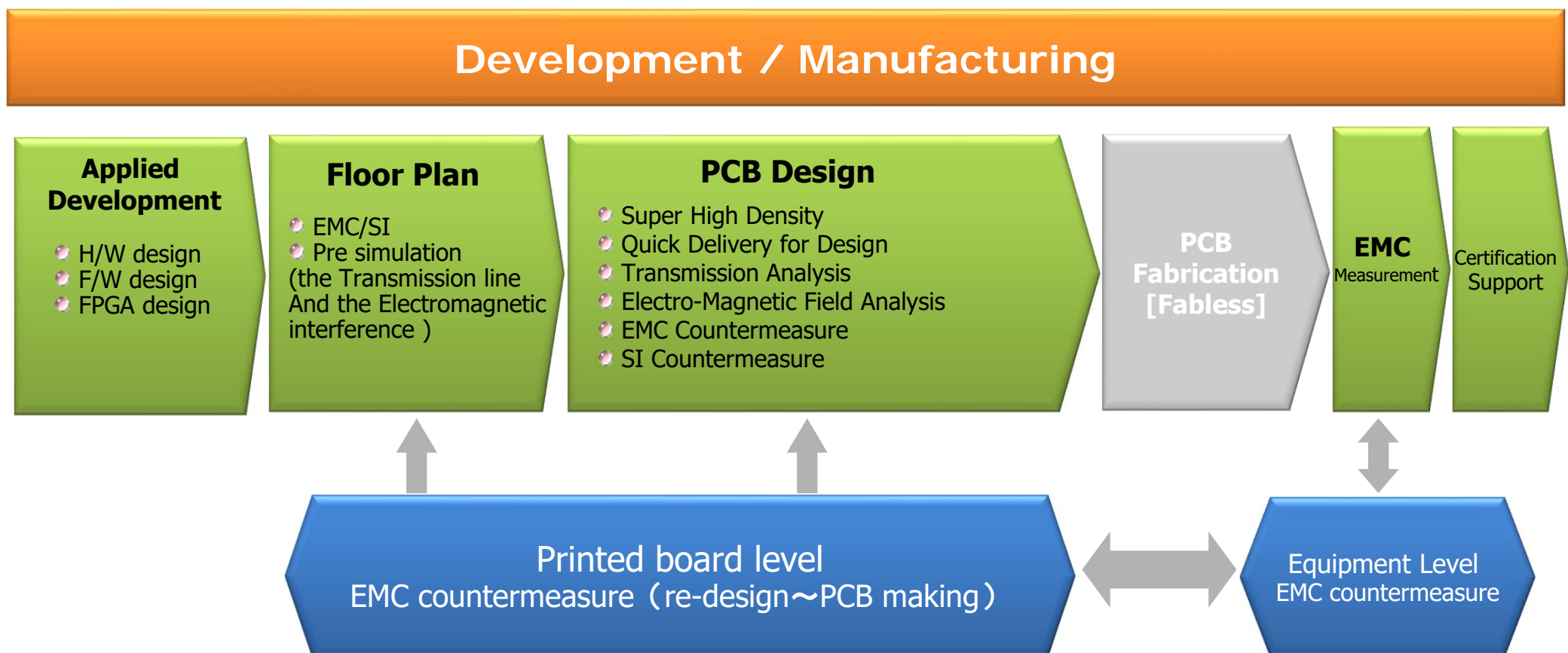
■ Nagoya Branch



We will meet our customer's needs as a partner of hardware & software engineering and manufacturing services, including electronic circuit design, and as a provider of test & measurement equipment, including debugging tools.

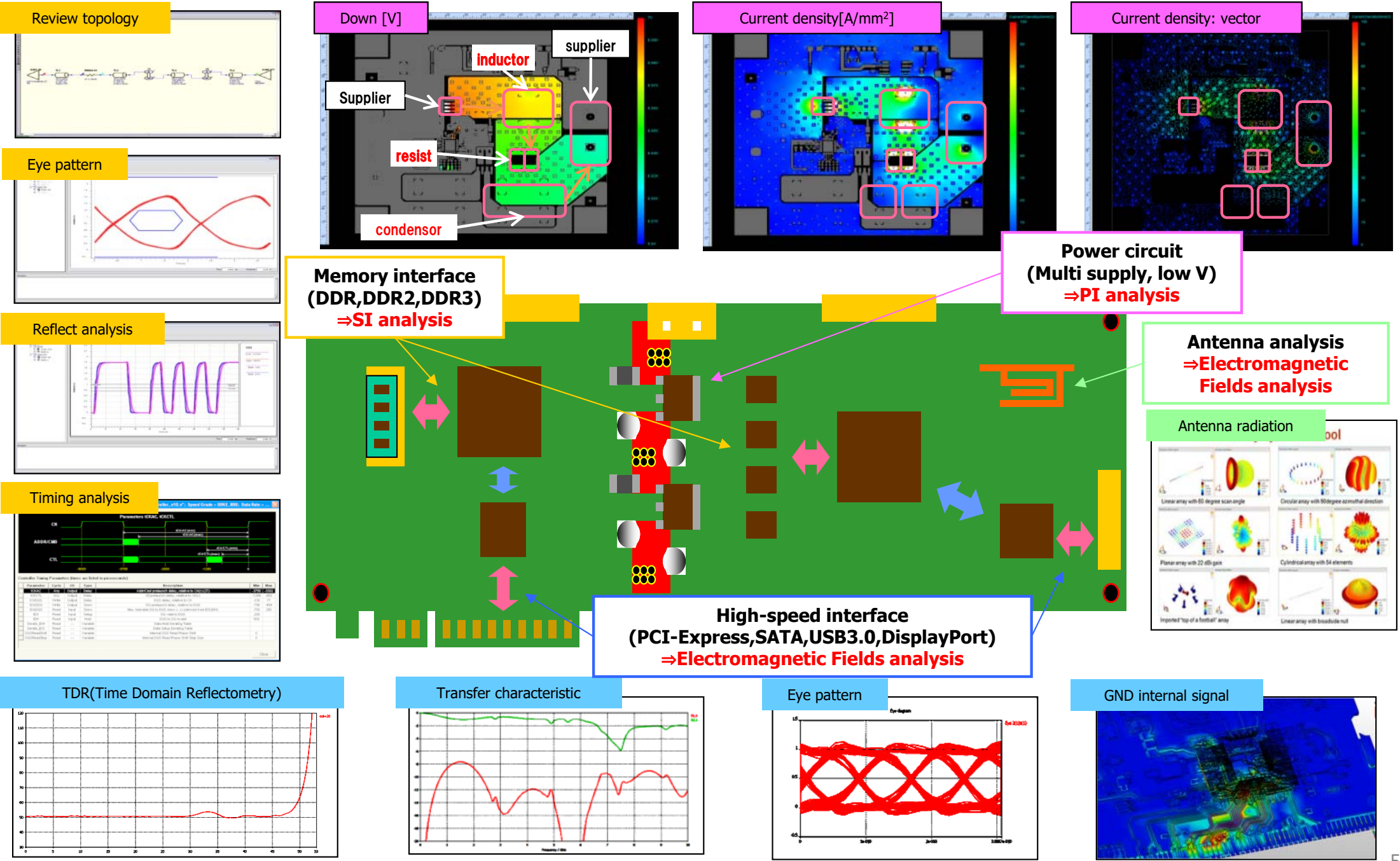


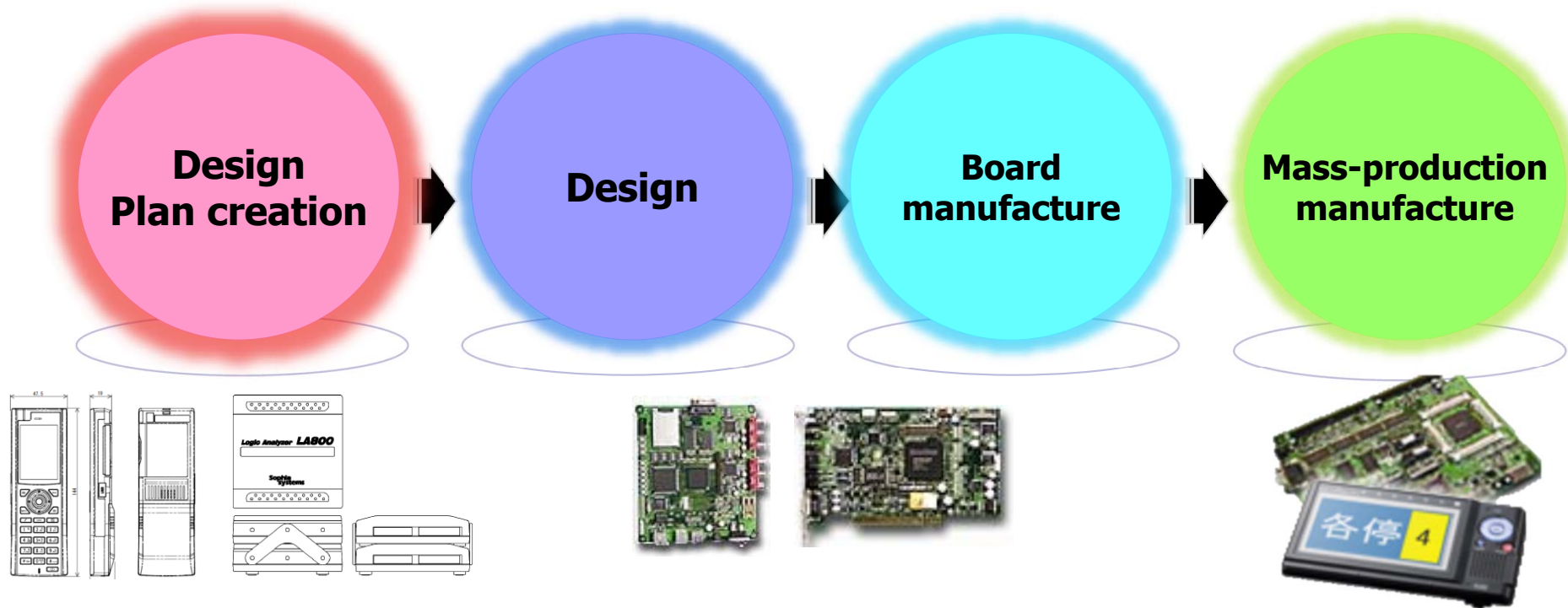
Sohwa&SophiaTechnologies offers Embedded development design total solutions with using the best technologies of development from the commission-development to high-performance design and manufacturing.



Engineering and Manufacturing Services (Simulation)

Sohwa&SophiaTechnologies can provide [High quality Printed board within short term] via our simulation technology.





When customers need help with their development or manufacturing, we can cover all this. Of course we can custom our platform design for customer request.

We can help with customer requests (problems) in regards to reduction of the cost, shortening scheduled delivery dates, and supporting complicated system debugging.

Product Development, OEM/ODM Experiences

◆ Industrial/Consumer Equipment

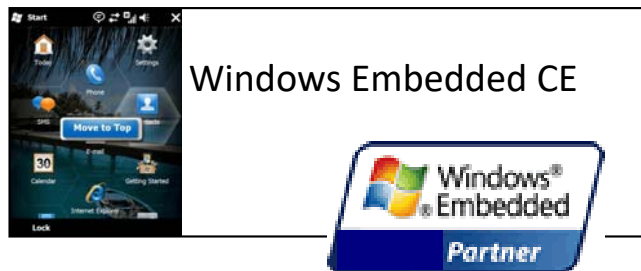
- On-vehicle: Engine ECU simulator
- Imaging: Digital signage
- Communication: Cable broadcasting equipment
- Security: In/Out security control board
- Music al instrument: Imaging effector
- Measurement equipment : Data logger
- Railway: GPS Navigation terminal
- Home electronics: E-book terminal board
- Instrument: Terminal board for visually handicapped
- Measurement equipment : Digital thermometer
- Semiconductor: Custom made ICE



Software Development

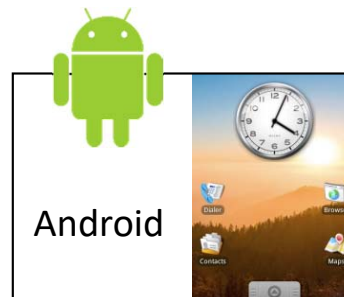
◆ OS Porting

- Windows Embedded CE
- Android
- Linux
- μ ITRON
- TOPPERS



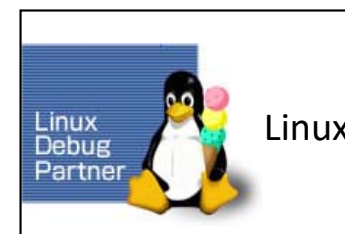
◆ Driver Development

- LCD
- Touch Panel
- USB
- SD/SDIO
- Audio
- NAND
- UART
- SPI
- I2C
- LAN
- WiFi
- Zigbee
- CAN
- Camera
- NFC
- GPS
- Battery etc



◆ Application Development

- Debugger application -Windows
- T&M equipment application
(Logic analyzer, Oscilloscope) -Windows
- Viewer relating application -Windows
- Network Voice Recorder -Linux
- Internet Radio -Linux
- Store's PA systems -Linux
- Digital Thermometer
- Ultrasonic waves Soldering equipment



Applied Development

◆ Pictures

- MPEG2 encoder development
- Developing of Digital picture editing systems
- Frame synchronizer circuit design

◆ Intelligence Communications

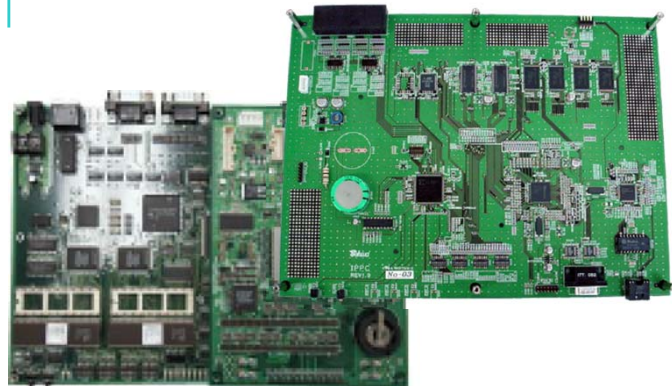
- Development of FTTH inside terminal
- Design of light module
- Development of Network equipment remote security system
- Design of super high speed WEB server

◆ Reference Boards

- Development of evaluation board for various ASIC and Processors

◆ FPGA Development

- for PHS Base Station • Telephone



Printed circuit design

◆ Broadcast Station

- System Equipment • Camera
- Display • Video Editor
- Digital VTR • Audio Control System

◆ Office Equipment

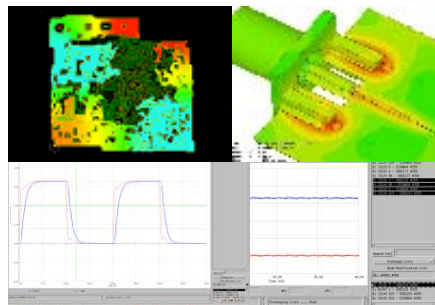
- Copier • Facsimile • LBP • Printer
- Telephone • Multipurpose Office Machine

◆ Instrument

- Optical Communication • Mobile
- Data Recorder • Radiation Thermometer
- Laser Scale • Digital Communication

◆ Automobile

- Engine Control Unit
- ITS equipment



◆ Computer

- Personal Computer • Workstation
- Peripherals • Router • Server

◆ I.T. Equipment

- Mobile Phone • PHS • PDA
- Base Station • CPU Board
- Digital TV • STB

◆ Others

- Digital Camera • FA Equipment
- Security Camera • Security Video Monitor
- Entertainment Robot • Industrial Robot
- Chip Set Verification Board For Camera
- Optical Module • X-Rays CT
- Ultrasonic Diagnosis Equipment

