Sohwa & Sophia Technologies Corporate Profile



June 13, 2025

Corporate profile



Name

Sohwa&SophiaTechnologies Inc.

Established

April 1, 1983

Locations

Headquarters : Kanagawa

Tohoku Branch: Fukushima

Kyushu Branch : Fukuoka

Nagoya Branch: Aichi

Capital

JPY 497,500,000 (KURODA, DENSO)

CEO & COO

Masakazu Shiota

Employees

131 as of April 1, 2025

Contact

Headquarters

TEL: 044-981-5280 (Gen)

e-mail: webmaster@ss-technologies.co.jp URL: http://www.ss-technologies.co.jp

■Tohoku Branch



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





Business Map



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.

Customer

Embedded/Evaluation Board
Development & Mfg.
Electronic Circuit Design • FPGA Design
Simulation • Board Design/Mfg.

OS Porting
Firmware • Driver • Middleware
Application Development

0 E M 0 D M Equipment for ICT, On-vehicle, Network, Medical, Office, Broadcast, Imaging

Sohwa & Sophia Technologies



Sales of Development tools



Outsourcing

Dept.: Products for R&D Engineers

- Own products sales
- •ICE, Reference board
- Personal Analyzer
- •EDA Application software

Partnership Alliance

- Training tools for education
- AuthorizedDistributor
- Heartland.Data products

• Reference board development

Dept: Engineering & Mfg. Services

- •120 Engineers
- Location: Kanto, Tohoku, Tokai, Kansai, and Kyushu
- 180 EDA tool licenses
- Various Test tools

R&D Partner

- Engineering makers
- Software development makers

Mfg. Partner

- Board, Assemble
- EMS (domestic and foreign)
- Testing Agencies

Microprocessor, Microcontroller Partner (Semiconductor makers)

Domestic

Toshiba Semiconductor and Storage Products Company, Fujitsu Semiconductor, Rohm, Renesas Electronics, Seiko Epson,

Overseas

NXP, TI, Marvell, STMicroelectronics, Intel

RTOS Partner

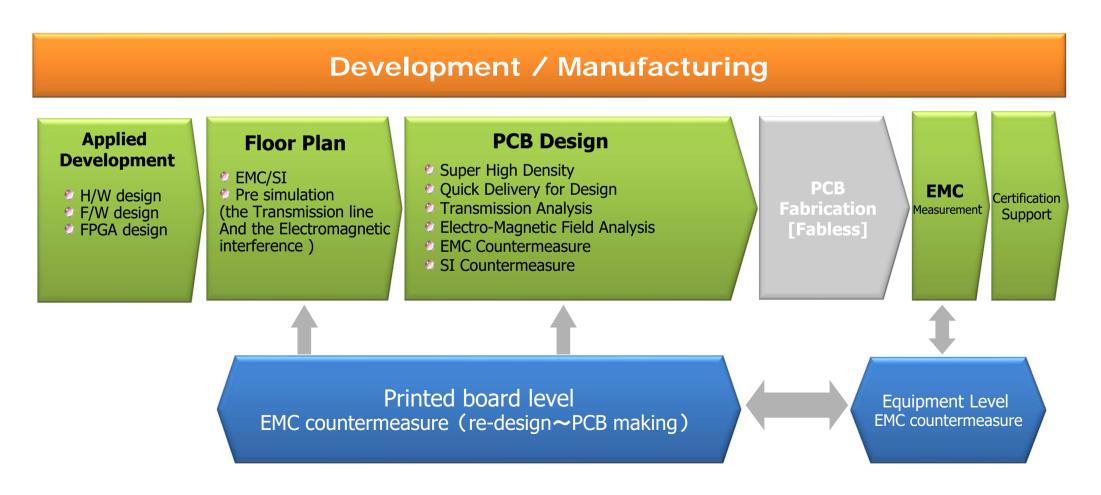
- Microsoft
- Linux vendors
- •µITRON vendors

EDA Partner

- AET
- Altium Cadence
- Fujitsu
- Mentor NEC
- ZUKEN



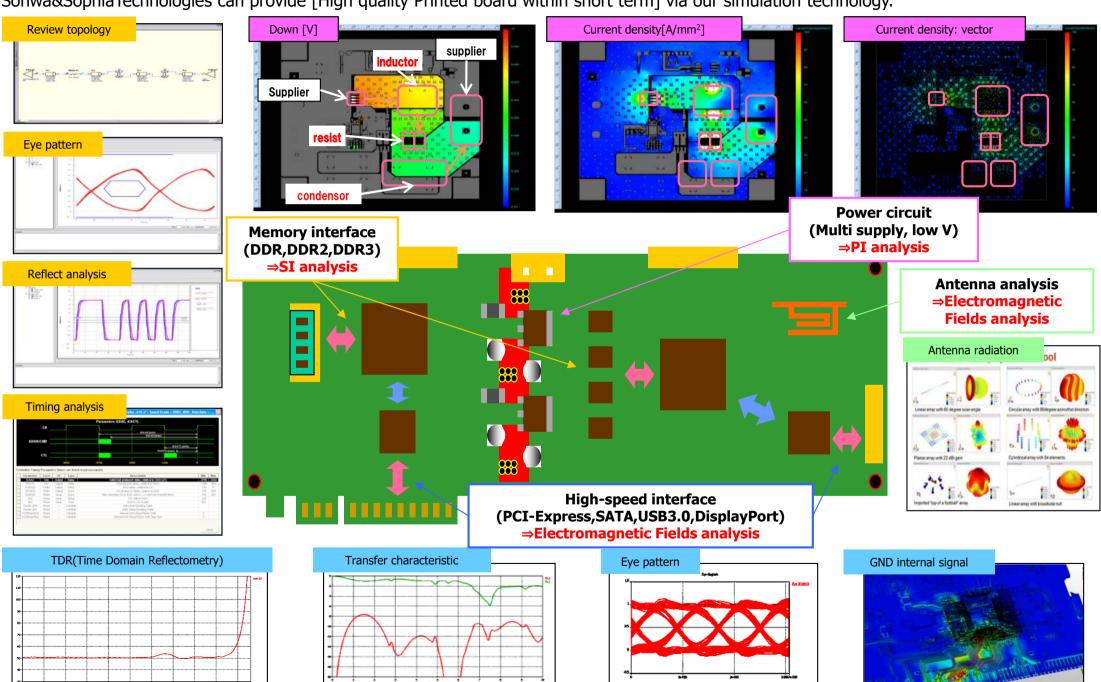
Sohwa&SophiaTechnologies offers Embedded development design total solutions with using the best technologies of development from the commission-development to high-performance design and manufacturing.



Engineering and Manufacturing Services (Simulation)

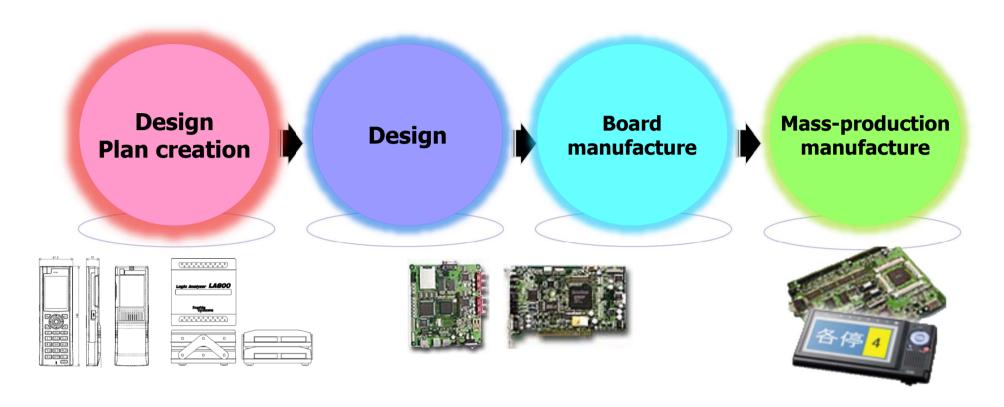


Sohwa&SophiaTechnologies can provide [High quality Printed board within short term] via our simulation technology.



Engineering and Manufacturing Services (OEM/ODM)





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.

Engineering and Manufacturing Services Experiences





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 effecter
- Measurement equipment : Data logger

- Railway: GPS Navigation terminal
- Home electronics: F-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
- µITRON
- TOPPERS

•IAN • WiFi

Zigbee

Camera

-CAN

• NFC

- LCD
- Touch Panel

- Audio
- •NAND
- •UART
- •SPI

Driver Development

- •USB
- SD/SDIO

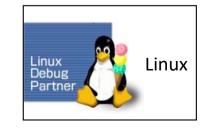
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Application Development

- 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





µITRON **TOPPOERS**

Engineering and Manufacturing Services Experiences





Applied Development

Printed circuit design

Pictures

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

Intelligence Communications

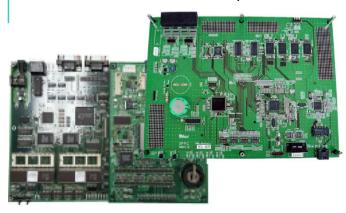
- Development of FTTH inside terminal
- Design of light module
- Development of Network equipment remote security system
- Design of super high speed WEB server

Reference Boards

 Development of evaluation board for various ASIC and Processors

FPGA Development

•for PHS Base Station •Telephone



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 Server Router

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

