



共享 Sharing 合作 Cooperation 双赢 Win-win

Company Profile

Professional Semiconductor Distributor and  
Value-Added Service Provider

- Hengsen Technology HK Limited
- Shenzhen Hengsen Microelectronics Co., LTD
- Shenzhen Hengsen Microsmart Co., LTD

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# About Hengsen

Founded in 1997, Hengsen Technology (Hong Kong) Limited is headquartered at the Shenzhen Greater Bay Area Headquarters Base. As a long-term specialist in the semiconductor industry, we focus on the distribution of renowned semiconductor products from Europe, America, Taiwan, and Mainland China. Our core business encompasses product design, software and hardware development, sales, and application, supported by our proprietary digital management platform that facilitates a business model combining semiconductor distribution with application solution design.

Over the course of more than three decades, our company has gradually developed a diversified group-oriented business system, expanding into various sectors such as semiconductor industry applications, smart agriculture, and financial investments. Hengsen's subsidiaries, Shenzhen Hengsen Microelectronics Co., Ltd. and Shenzhen Hengsen Micro Intelligent Technology Co., Ltd., are both recognized as national high-tech enterprises. We have established offices in Hong Kong, Shenzhen, Shanghai, Ningbo, and Xiamen.

We steadfastly adhere to the business philosophy of "sharing, cooperation, and win-win" and embody the corporate spirit of "People-Oriented for Sustainable Development, Unwavering Commitment to Sincerity and Excellence." We strive to create shared value and advance together with our partners and employees.



# Competitive Advantage



With over 30 years of dedicated presence in the IC distribution industry, we possess extensive management experience, a proficient sales team, and a collaborative platform.



## Close Relationship With Upstream Suppliers

- 20+ years of close partnership
- Stable prices and lead times
- Latest manufacturers' news



## Exceptional Service From Support Team

- 15+ years industry experience of mgmt. team;
- Rewarded as the best team by suppliers;
- PM & FAE support throughout the developemnt;



## Comprehensive Digital Management System

- Complete and digital system and tools;
- Professional and standardized process;
- CRM, SRM, ERP, OA, etc.;



## Rich Experience in the Semiconductor Industry

- Professional marketing team with expertise;
- Products cover 50+ applications areas;
- 7000+ clients, including Huawei;

The subsidiaries of Hengsen Technology are national high-tech enterprises

50+ awards for the best supplier and other

40+ patent certificates





With a diverse range of product categories, we are able to meet the varied needs of our customers. We provide comprehensive, one-stop technical support services to ensure customer satisfaction.

## MCU



8051 / M0 / M23 / M4 / M7 / A35  
ARM 9 / Audio SoC

## PLD



FPGA  
CPLD

## Comm. Module



2G / 3G / 4G / 5G / Wi-Fi + BLE  
Cat 1 / Cat 4 / NB-IoT / BLE 5.0

## Memory



EEPROM  
NOR Flash

## Analog Device



Audio Codec  
HDMI / ADC / DAC

## Power Protection



MOSFET / IGBT / BMIC (AFE)  
ESD / EOS / TVS

## Solutions



IoT Management Platform  
Customized Soft/Hardware

## Other



Custom integrated circuit  
.....



**nuvoton**  
新唐科技

**Nuvoton**

Nuvoton Technology is a semiconductor manufacturer that offers a wide range of products, including microcontrollers, audio/video processors, and system-on-chip solutions. Established in 2008 as a spin-off from Winbond, Nuvoton quickly emerged as a leading provider of high-performance, low-power semiconductor solutions across various industries. The products are extensively utilized in applications such as consumer electronics, industrial automation, and automotive systems. Committed to delivering innovative and high-quality products, we strive to meet the ever-changing demands of our customers.

8051 / M0 / M4 / ARM9 / A35

Audio

PC

BMIC

3D ToF

HDMI

**XHSC**  
小华半导体

**XHSC**

Xiaohua Semiconductor Co., Ltd. (referred to as Xiaohua Semiconductor) is a core subsidiary of Huada Semiconductor Co., Ltd., the IC business platform under China Electronics Corporation. We specialize in the design of core intelligent control chips and provide customers with a comprehensive range of systems and solutions, including general control, motor control, automotive electronics, and ultra-low-power product lines, as well as corresponding algorithms and software.

General MCU

Low-Power

Motor Control

Automotive Electronics



## Nation

Founded in 2000, National Technology Co., Ltd. originated from the National "909" Integrated Circuit Special Project and went public on the Growth Enterprise Market in 2010. As a leading company in general-purpose MCU and security chip solutions and a national high-tech enterprise, our headquarters is located in Shenzhen, with branch offices established in multiple locations worldwide. Our core products include general-purpose MCUs, security chips, and trusted computing chips, which find wide applications in areas such as network security authentication, electronic banking, electronic licenses, mobile payment and security, and the Internet of Things (IoT).

General MCU

Automotive Electronics

Security

Bluetooth / RF



## PangoMicro

PangoMicro is a subsidiary of Tsinghua Unigroup and specializes in the research, development, production, and sales of programmable logic devices (FPGAs, CPLDs, etc.). It is a leading domestic company in the FPGA industry. PangoMicro has released a full range of high, mid, and low-end products, including the Compact, Logos, Logos2, Titan, and Kosmo series, offering cost-effective CPLD/FPGA solutions. These products are widely applicable in various fields such as communication networks, information security, and industrial control. They are used for tasks like image and video processing, data analysis, network security, instrumentation, consumer electronics, drones, and industrial control.

FPGA

CPLD



## Gaintec

Established in 2009, Gaintec Semiconductor Co., Ltd. is a global high-tech chip design company. Its primary product lines include EEPROM, voice coil motor driver chips, and smart card chips, which are widely used in various fields such as smartphones, LCD panels, Bluetooth modules, telecommunications, computers and peripherals, medical instruments, home appliances, automotive electronics, and industrial control. In 2019, the company's EEPROM products ranked third globally in market share and first domestically in China.

EEPROM

NOR Flash

Voice Coil Motor Driver

Smart Card



## Quectel

Quectel Communication Ltd. is a leading global IoT technology developer and cellular module supplier. They specialize in the development of 5G, LTE, LTE-A, LPWA, smart modules, C-V2X, GSM/GPRS, UMTS/HSPA(+), and GNSS modules. The company offers comprehensive IoT cellular module services and has enabled over 100 million devices to connect to the Internet. Their main products are applied in various fields such as automotive transportation, smart energy, wireless payments, and smart cities.

2G/3G/4G/5G Module

Wi-Fi Module

GNSS Module





## InPlay

InPlay is a company dedicated to the industrial Internet of Things (IIoT) field, aiming to address the primary challenges faced by IIoT developers: communication latency, maintenance costs, and security. InPlay has integrated innovative protocols at the fundamental hardware level, resulting in the creation of NanoBeacon, the world's lowest power system-on-chip (SoC). This product has been recognized as the Best New Product of 2021 by RFID Journal.

Bluetooth Beacon

Bluetooth 5.0

SDR Networking



## SiLLUMIN

SiLLUMIN is a company dedicated to the development of high-performance, high-reliability analog chips and providing integrated solutions. With a customer-centric approach and a market-oriented mindset, the company focuses on quality and serves industries such as industrial control, power management, optical communications, new energy, and automotive. SiLLUMIN independently develops core technologies and holds intellectual property rights. Product portfolio includes driver chips, isolators, power management, etc.. The company has established stable partnerships with renowned domestic and international enterprises, earning widespread recognition in the industry.

Isolated Gate Drivers

Gate Drivers

Linear LED Drivers

Power Mgmt.



## SkySemi

Sky Semiconductor's product portfolio includes Trench MOS, SGT MOS, Superjunction MOS, IGBT, SiC, and GaN. These products find wide applications in areas such as BMS (Battery Management Systems), new energy, motor control, fast charging adapters, photovoltaic inverters, UPS (Uninterruptible Power Supplies), charging stations, mobile fast charging, consumer electronics, and communication power supplies. The company's vision is to drive technological breakthroughs and become a global leader in power semiconductor solutions. Their mission is to enhance the value of their partners by providing high-quality, high-value products, and services.

MOSFET

IGBT

SiC/GaN



## WAYON

Wayon is a provider specializing in circuit protection and power control solutions, offering design, manufacturing, and sales of circuit protection components, power discrete devices, and analog integrated circuits. Established in 1996, Wayon is committed to becoming a global leader in the field of circuit protection and power control. They continuously introduce new products and solutions to provide secure, reliable, and efficient products and services for various sectors including consumer electronics, industrial and IoT, automotive, new energy, and network communications.

Power Component

Circuit Protection



We have established a comprehensive integrated circuit supply chain management system and provide professional, efficient, and reliable pre-sales and after-sales services.

## 1 Product Selection

Assist in evaluating project requirements and required specifications;  
Recommend appropriate and cost-effective products, to shorten the development cycle;



## 2 Project Initiation

Assist in the setting up the development environment;  
Provide samples, dev boards for functional verification with technical support;



## 3 Mass Production

Assist in product burning  
Provide stable delivery cycle and product quality



## 4 Packaging and Delivery

Customized product delivery packaging, labels and special transportation;  
Export settlement and foreign exchange settlement;



## 5 After-sales Service

Provide after-sales product quality management and product value-added services;



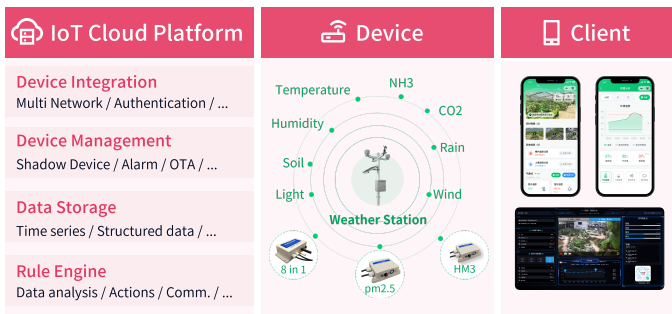
# Application Platform



Hensgen MicroSmart Technology specializes in the customization, development, and sales of IoT-related products.

## IoT Management Platform - OnePlusOne

We provide solutions and applications for industries such as smart agriculture, industrial IoT, and smart home. With our comprehensive IoT platform, devices can easily achieve connectivity and linkage, enabling full-process monitoring and management of operational activities.



## Smart Gardening Brand - LetPot

Letpot is the independent brand of Hensgen Technology, focusing on family intelligence gardening. With our independently developed IoT management platform OnePlusone, Letpot has developed a variety of intelligent planting devices such as intelligent hydroponic machines and automatic irrigations.





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Learn More

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