



# ITECH

*ELECTRONIC COMPONENTS  
PROVIDER*

**ITECH**  
IMPROVE TECHNOLOGIES

# About Us



Established in 2003, ITECH is an electrical/electronic parts supply company that supplies various products to leading domestic companies.

---



Currently our main sales target is for fields such as access control, medical, automation equipment and home automation, etc.

---



We are doing our best to discover competitive brands and prepare alternatives to meet customer needs and requests during the current semiconductor supply shortage.



# Microcontroller

Arm® Cortex®-M 32-bit MCU



Arm® Cortex®-M0  
N32G030 / N32G031 / N32G032

Arm® Cortex®-M4  
N32G430 / N32G432 / N32G435 / N32G452 / N32G455  
N32G457 / N32G4FR / N32L403,433 / N32L406,436

#### Wireless Products

N32WB020 (Cortex®-M0+M0 dual core / BLE 4.2)  
N32WB031 (Cortex®-M0 / BLE 5.1)  
N32WB452 (Cortex®-M4+M0 dual core / BLE 5.0)

**ITECH**  
IMPROVE TECHNOLOGIES



#### PRODUCT POINT

Established in 2000, Nations **Technologies** Inc. ("Nations") is one of the integrated circuit design enterprises undertaking the national "909" special project of very large scale integrated circuit. Listed in the GEM Board in 2010 (stock code: 300077). It is a leading enterprise in general MCU and security IC as well as a national high-tech enterprise. Headquartered in Shenzhen, the company has established branches in Beijing, Shanghai, Wuhan, Xi'an, Chongqing, Hong Kong, Singapore, Austin and Tokyo. Its main products include: general MCU, security IC, trusted computing IC, smart card, Bluetooth IC, RCC innovative products, etc.

# Temperature Sensor

## Bi-Metal



**MICROTHERM**  
sentronic

Closed temperature switches  
Open temperature switches

Temperature fuses and sensors  
Temperature thermistors

Temperature controller

**ITECH**  
IMPROVE TECHNOLOGIES



Eco-Friendly Products  
ROHS [SGS] Certification



### PRODUCT POINT

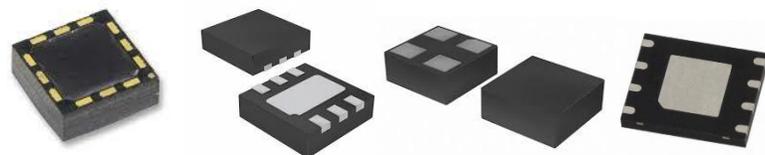
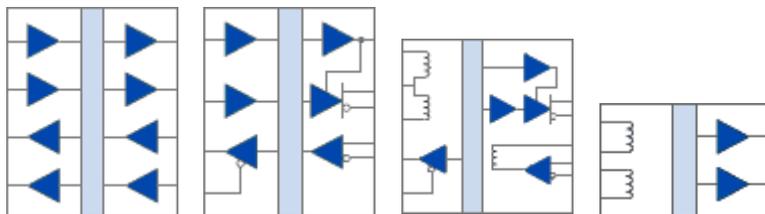
Founded in 1965, it is a German ultra-precision temperature sensor manufacturer. Based on our long history, we have a high quality product lineup. Based on the above reliability Heating Jarket for factory facilities and specially equipped Vehicles It is widely used in the field.



Quality  
VDE , UL , CSA , CCC , ENEC  
ISO9001 : 2005 , IATF16949 : 2016  
Certification

# PMIC

## Digital Isolator



### Isolators

Versatile Workhorse Isolators  
Single-Chip Isolated Network Transceivers  
DC-Correct Isolation

### Sensor

Analog Sensors  
Angle & Rotation Sensors  
Current Sensors  
Magnetic Switch Sensors



### Eco-Friendly Products

ROHS [SGS] Certification



### Quality

VDE , UL , CSA , CCC , ENEC  
ISO9001 : 2005 , IATF16949 : 2016  
Certification



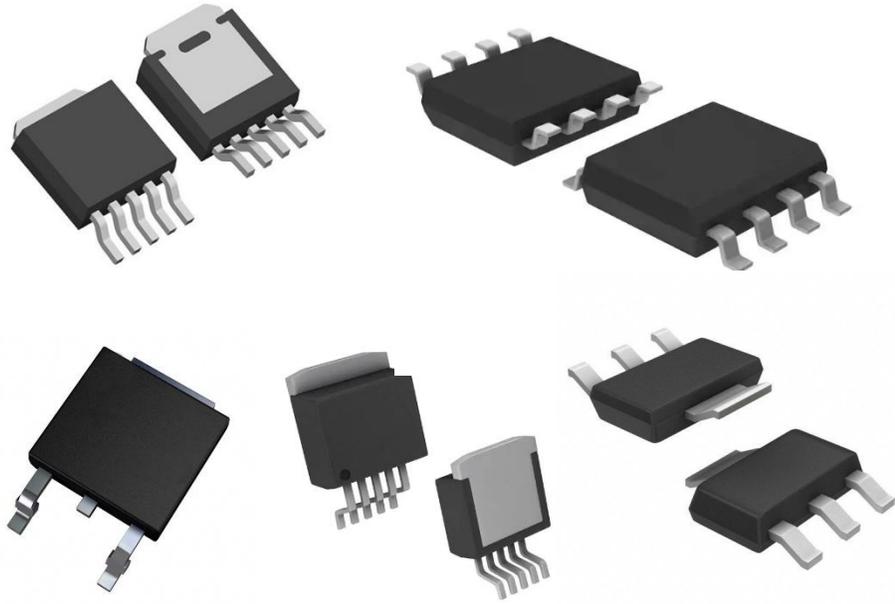
### PRODUCT POINT

NVE was founded in 1989 by Dr. James M Daughton, former executive of Honeywell, and manufactures sensors, couplers, and high-performance spintronic semiconductors. Headquartered in Minnesota, USA, we specialize in producing digital insulators and various sensors.



# PMIC

## REGULATOR / EEPROM



### Regulator

DC/DC Step-down Converter  
 DC/DC Step-up Converter  
 Bipolar Type LDO Regulator  
 Three-terminal Positive Regulator  
 Shunt Regulator

### EEPROM

24LC02/04/08/32/64/128/256/512

**ITECH**  
 IMPROVE TECHNOLOGIES



**Eco-Friendly Products**  
 ROHS [SGS] Certification



**Quality**  
 ISO14001 Certification



### PRODUCT POINT

As an integrated circuit manufacturer founded in 1988,  
 Fortune 500 Entrepreneur since 2015  
 It is a key subsidiary of Huada Semiconductor.

based on a large-scale parent company,  
 We have competitive unit prices.

# Terminal Block

## TERMINAL BLOCK



Plug in Terminal Block

PCB Screw Terminal Block  
PCB Spring Terminal Block

Through Hole Reflow & Surface Mount Technology

Barrier Terminal Block

**ITECH**  
IMPROVE TECHNOLOGIES



**Eco-Friendly Products**  
ROHS [SGS] Certification



**Quality**

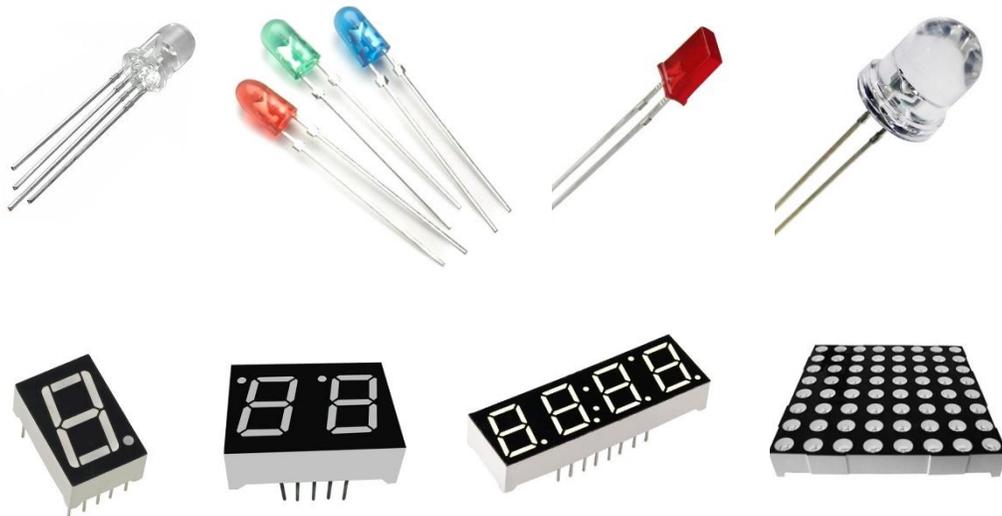
ISO9001, ISO14001, UL, CE, TUV, CQC,  
CB, VDE Certification

### PRODUCT POINT

It is a terminal block manufacturer established in 1990. KEFA has expertise in terminal blocks/connectors and precision molds. It has various certifications including high price competitiveness. It is especially advantageous for customers with a lot of exports.

# LED

## Through Hole LED



7 SEGMENT [FND]  
DOT MATRIX  
LED BAR

DIP LED (3mm~5mm)  
DIP MULTI COLOR LED  
DIP LED MODULE

**ITECH**  
IMPROVE TECHNOLOGIES



Eco-Friendly Products  
ROHS [SGS] Certification



### PRODUCT POINT

ATI is an LED manufacturer founded in 1998. We are focusing on the production of 7SEGMENT, DOT MATRIX, and DIP LEDs, and we can manufacture products with the specifications that customers want.



Quality  
ISO9001, ISO14001, CE Certification

# Global Line Cards



PMIC / MOSFET

**InFineon Technologies**  
MOSFET / DIGITAL OR ANALOG  
IC / LOGIC



ON AMP / TR / MOSFET

**ON semiconductor**  
MOSFET / OP AMP / LOGIC IC



PIR SENSOR

**PANASONIC**  
MOTION SENSOR



INTERFACE IC

**ANALOG DEVICES**  
ADC / RS-422/RS-485 interface  
IC / DGTL ISO



TR / LOGIC / DIODE

**NEXPERIA**  
Small signal TR / TTL 74xx/  
74xxx / DIODE / RFID IC



OP AMP / CURRENT  
TRANSMITTER

**TI**  
OP AMP / CURRENT  
TRANSMITTER / REG



MCU / MEMORY / ADC

**MICROCHIP**  
MICROCONTROLLER / EEPROM  
/ ADC



MCU

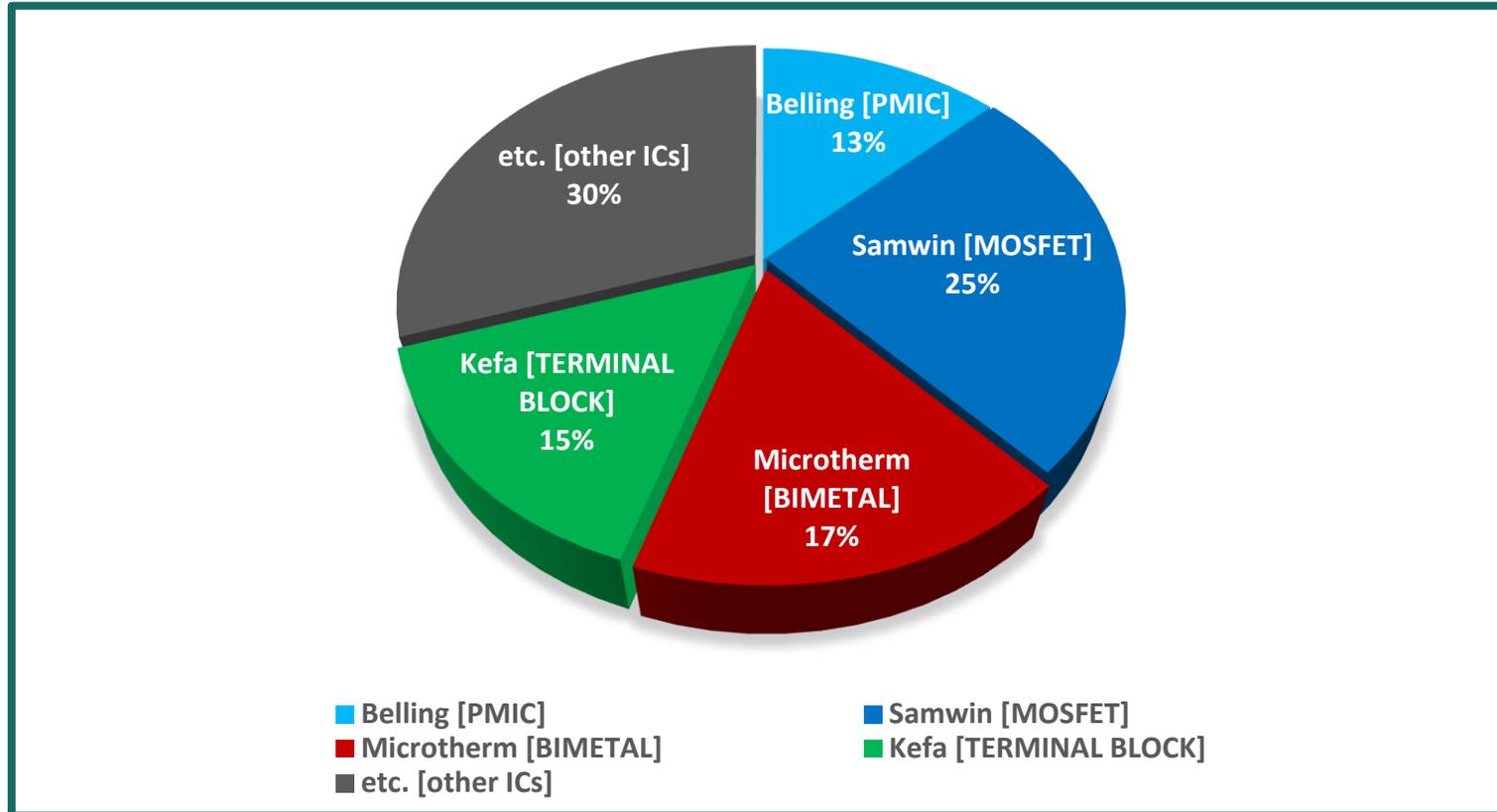
**STMicroelectronics**  
ARM CORE M0/M3/M4/M7  
MICROCONTROLLER



CURRENT SENSOR

**Allegro Microsystems**  
Hall Effect Current Sensor

# Proportion of sales by sector



This is the current sales distribution by product of I-Tech.  
We took the first step into the market as a turn-key solution company,

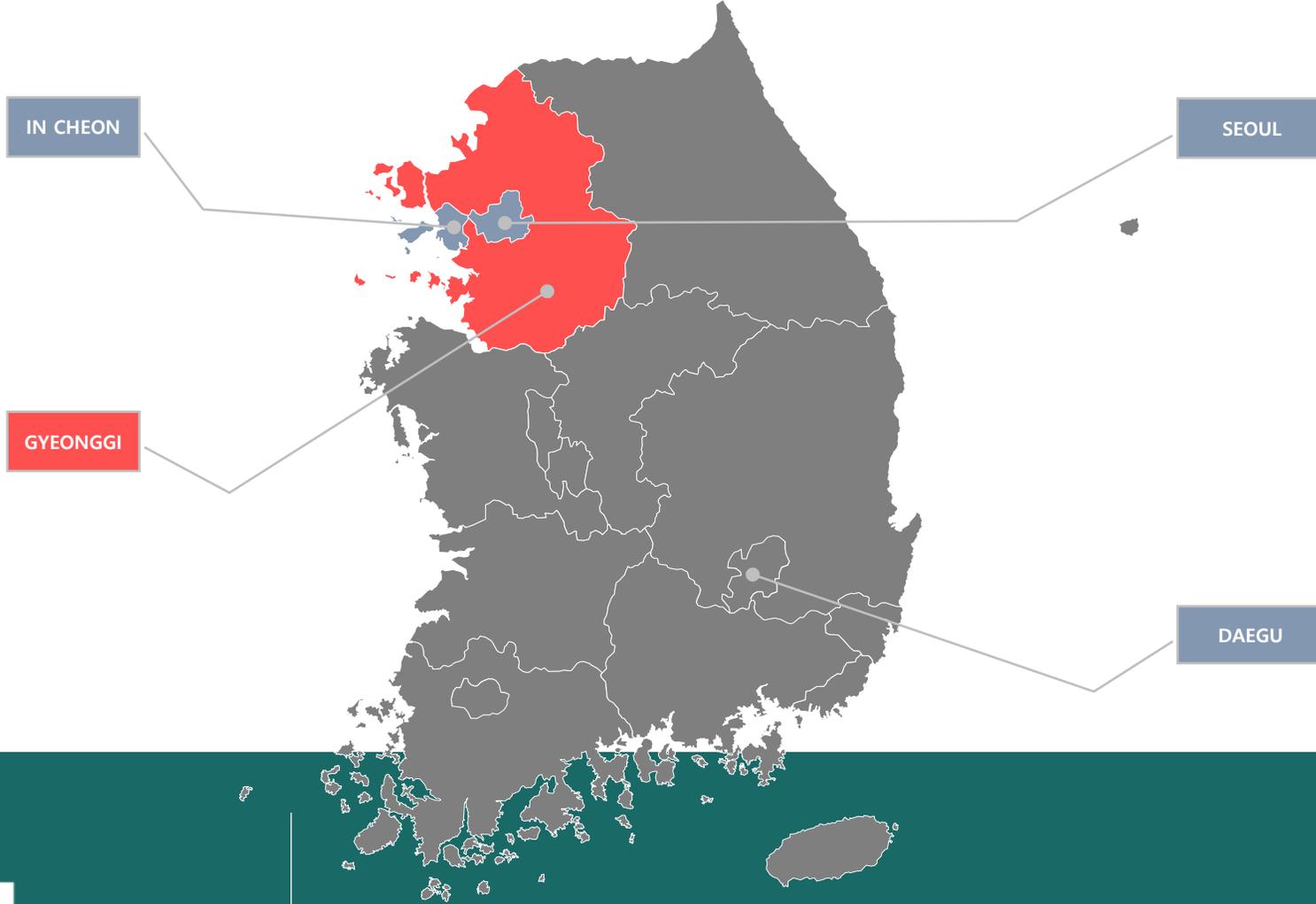
Currently, we have established close relationships with semiconductor manufacturers with high quality and price competitiveness.

We are moving towards becoming a more professional semiconductor distributor.

# Our Customer base

Company Name	Application
INTER***	Ignition Trans
KYUNG**	Fault Detector
CAM**	Vehicle Monitor
GLO***	Access Control
TAE SE***	Home Appliance controller

Company Name	Application
JY *****	Trip computer
SD *****	Hi-Pass
Ri / OS / HN*	Auto door
NUTR*****	Health care Device
DUA**	Credit card Terminal
KV*	Vacuum instrument



Company Name	Application
SER*	Elevators and Moving Walks
Oss***	Medical care Device
TE**	SMPS
ALT*	Car sharing Module
DN*	Auto door

Company Name	App
Inca*	Industrial remote input/output device for smart factory

Most of I-Tech's customers are located in the metropolitan area of Korea.

based on geographical advantage  
We respond quickly to customer inquiries and requirements.

# Product supply process

‘ Proceed with a fast and accurate system to meet customer requirements ’

Cycle



Customer Request

Estimate Work

Purchase

Inspection and  
Shipment

**ITECH**  
IMPROVE TECHNOLOGIES

I-Tech provides a segmented business system.

Here, in order to suppress instability factors such as supply delays as much as possible, we check periodic industry trends and at the same time We supply perfect products through a meticulous inspection process.

# Location



지하철 1/7호선 가산디지털 단지 역 6번 출구에서  
도보 약 200m

**ITECH**  
IMPROVE TECHNOLOGIES

-  **Address** Room 907, 205, Gasan Digital 1-ro, Geumcheon-gu, Seoul (KCC Welltz Valley)
-  **E-mail** [itech@itechcorp.co.kr](mailto:itech@itechcorp.co.kr)
-  **Tel** (+82)2-2682-6115
-  **Web** [www.itechcorp.co.kr](http://www.itechcorp.co.kr)

An aerial photograph of a city skyline, likely New York City, featuring numerous skyscrapers and the prominent Empire State Building on the right. The image is overlaid with a semi-transparent teal geometric pattern of overlapping hexagons on the left side. The text 'Thank you.' is written in a white, sans-serif font within this teal area.

Thank you.

감사합니다.