



Company Overview

THE COMPANY

Delta Elettronica S.r.l., on Italian market since 1978

has since become a key player in the electronic components,
industrial PC and LCD solutions distribution.

Thanks to established relationships with top tier manufacturers
and a large network of international distributors, the company
has a worldwide access to the electronic components market

Delta is located in Lombardy-Italy, a strategic position to reach
the Central European market.

Delta Elettronica's business is based on three focusing:

Sales Representative for Italy and EU

Delta Elettronica has distribution agreements with leading European and Asian electronic components manufacturers

Electronic Components Distribution

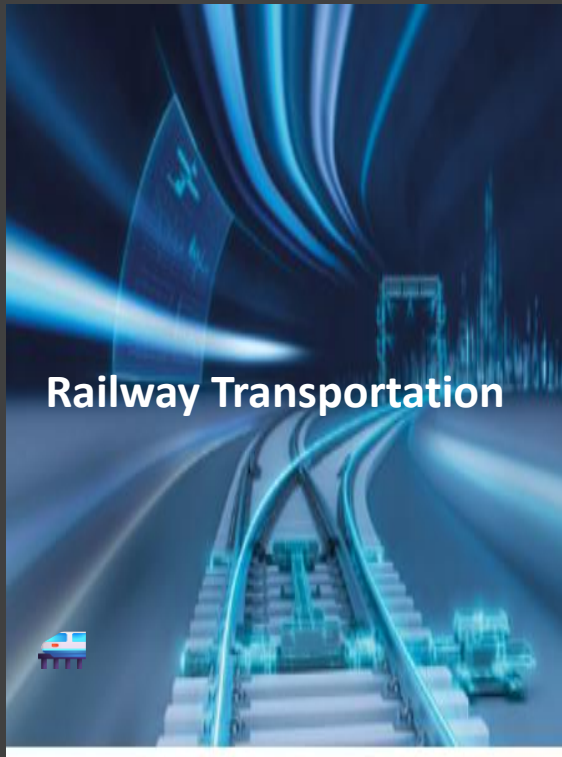
Thanks to a worldwide network of partners, Delta Elettronica can supply a wide range of products and offer the service of obsolete and hard to find items

Industrial Grade PC and IT solutions

Delta Elettronica has a decades-long experience in design and supply of Industrial PCs, IT solutions and network appliances.

THE MARKETS

Delta Elettronica's customers are among the leading companies in many different markets



THE MARKETS



QUALITY



DELTA ELETTRONICA SRL ISO 9001:2015 CERTIFIED

RINA

CISQ is a member of
IQNET
The International Certification Network
www.iqnet-certification.com

CERTIFICATO N. 24121/00/S
CERTIFICATE No.

SI CERTIFICA CHE IL SISTEMA DI GESTIONE PER LA QUALITÀ DI
IT IS HEREBY CERTIFIED THAT THE QUALITY MANAGEMENT SYSTEM OF

DELTA ELETTRONICA S.R.L.
VIALE DEL GHISALLO, 16 20151 MILANO (MI) ITALIA
NELLE SEGUENTI UNITÀ OPERATIVE // IN THE FOLLOWING OPERATIONAL UNITS
VIALE DEL GHISALLO, 16 20151 MILANO (MI) ITALIA

E CONFORME ALLA NORMA // IS IN COMPLIANCE WITH THE STANDARD
ISO 9001:2015

PER I SEGUENTI CAMPI DI ATTIVITÀ // FOR THE FOLLOWING FIELD(S) OF ACTIVITIES

COMMERCIALIZZAZIONE E DISTRIBUZIONE DI COMPONENTI ELETTRONICI PER L'INDUSTRIA,
PERSONAL COMPUTER E ACCESSORI. ASSISTENZA POST VENDITA

IAF:29

TRADE AND DISTRIBUTION OF ELECTRONIC COMPONENTS FOR INDUSTRY,
PERSONAL COMPUTERS AND ACCESSORIES. AFTER SALES ASSISTANCE

La validità del presente certificato è subordinata a sorveglianza periodica annuale, triennale ed al riesame completo del sistema di gestione con periodicità triennale
The validity of this certificate is dependent on an annual / triennial audit and on a complete review, every three years, of the management system
L'uso e la validità del presente certificato sono soggetti al rispetto del documento RINA, Regolamento per la Certificazione di Sistemi di Gestione per la Qualità
The use and validity of this certificate are subject to compliance with the RINA document, Rules for the certification of Quality Management Systems

Prima emissione First issue	26.06.2000	Data decisione di rinnovo Renewal decision date	15.09.2023
Data scadenza Expiry Date	17.09.2026	Data revisione Revision date	15.09.2023

Jacopo Ferrando
Genoa & Milan Management
System Certification, Head

ACCREDITED
SGQ N° 002 A
Rivenditori degli Accordi di Milano
Rivenditori di RINA, ISO e IAF
Rivenditori di RINA, ISO e IAF
Rivenditori di RINA, ISO e IAF

IAF
INTERNATIONAL ASSOCIATION OF FURNISHING

CISQ
www.cisq.com

RINA Services S.p.A.
Via Corsica 12 - 16128 Genova Italy

CISQ è la Federazione Italiana di Organismi di
Certificazione dei sistemi di gestione secondo
ISO9001 the Italian Federation of
management system Certification Bodies

QUALITY



DELTA ELETTRONICA SRL CERTIFIED AS 9120B/EN 9120:2018 AEROSPACE & DEFENCE



CERTIFICATO N. **AS/217/20/S**
CERTIFICATE No.

SI CERTIFICA CHE IL SISTEMA DI GESTIONE QUALITÀ DI
IT IS HEREBY CERTIFIED THAT THE QUALITY MANAGEMENT SYSTEM OF

DELTA ELETTRONICA S.R.L.

NELLE SEGUENTI UNITÀ OPERATIVE / IN THE FOLLOWING OPERATIONAL UNITS

VIALE DEL GHESALLO, 16 20151 MILANO (MI) ITALIA

E UNITÀ OPERATIVE INDICATE NELLE PAGINE SUCCESSIVE/AND OPERATIVE UNITS
LISTED IN THE NEXT PAGES

E CONFORME ALLA NORMA / IS IN COMPLIANCE WITH THE STANDARD
AS 9120B / EN 9120:2018

È VALUTATO SECONDO LE PRESCRIZIONI DELLA NORMA EN 9104-001:2013 E DEL REGOLAMENTO TECNICO ACCREDIA RT-18
ASSESSED ACCORDING TO EN 9104-001:2013 STANDARD AND TO THE REQUIREMENTS OF ACCREDIA TECHNICAL REGULATION RT-18

PER I SEGUENTI CAMPI DI ATTIVITÀ / FOR THE FOLLOWING FIELD(S) OF ACTIVITIES

COMMERCIALIZZAZIONE E DISTRIBUZIONE DI COMPONENTI ED APPARATI ELETTRONICI
E COMPONENTI ELETTROMECCANICI

TRADING AND DISTRIBUTION OF ELECTRONIC COMPONENTS AND EQUIPMENTS
AND ELECTROMECHANICAL COMPONENTS

La validità del presente certificato è subordinata a sorveglianza periodica annuale / semestrale ed al riesame completo del sistema di gestione con periodicità triennale
The validity of this certificate is dependent on an annual/bi-monthly audit and on a complete review, every three years, of the management system
L'uso e la validità del presente certificato sono soggetti al rispetto del documento RINA. Regolamento per la Certificazione di Sistemi di Gestione Qualità nel settore aerospaziale secondo lo schema EN/ISO
The use and validity of this certificate are subject to compliance with the RINA document: Rules for the Certification of Quality Management Systems for the aerospace sector according to EN/ISO scheme

Prima emissione First issue	18.09.2020	Data di scadenza Expiry date	17.09.2026
Data di revisione Reissue date	15.09.2023	Data entrata in vigore Issue date	18.09.2023



Schema di Certificazione
SC Aerospace



SGQ N° 002 A

Membro degli Accordi di Mutuo Riconoscimento ES, SM e SLAC
Signatory of ES, SM and SLAC Mutual Recognition Agreements

Paolo Torano
Certification Compliance & Technical Support, Senior Director



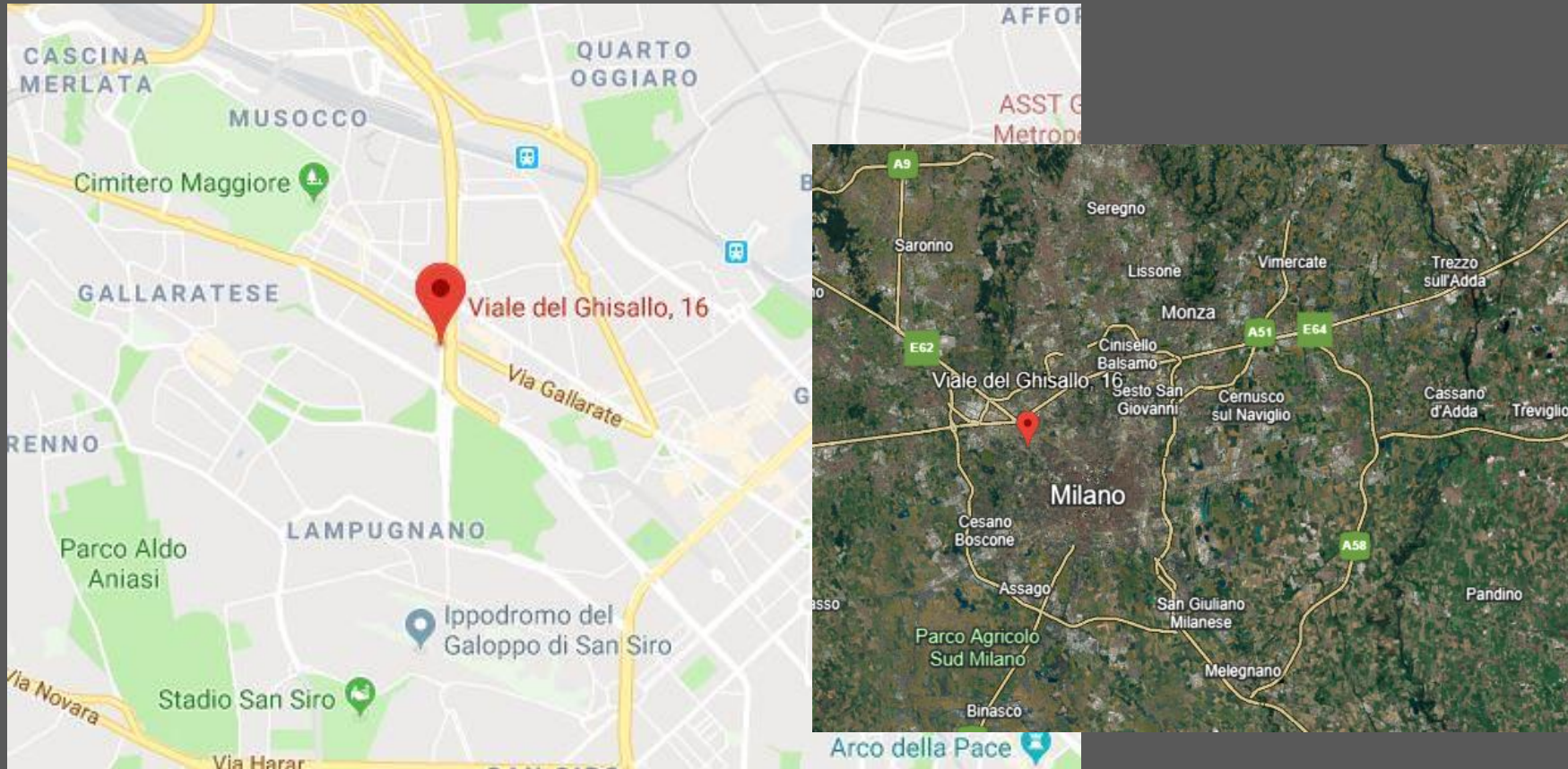
RINA Services S.p.A.
Via Corsica 2 - 16128 Genova, Italy



www.cisq.com
CISQ è la Federazione Italiana di Organismi di Certificazione del sistema di gestione aziendale
CISQ is the Italian Federation of Management system Certification Bodies

WHERE WE ARE

*Delta Elettronica headquarter and warehouse are located in
Viale del Ghisallo 16, 20151 Milano*



OUR MAIN CUSTOMERS



OUR DISTRIBUTED BRANDS

Brückewell

CHIPANALOG
川土微电子


CONFLY

 **cosmo**

Fastron
Fine Inductors

 **finder**
SWITCH TO THE FUTURE

Geehy
SEMICONDUCTOR

 **ISOCOM**
COMPONENTS

ib® Capacitors

 **KINGLEY**
SINCE 1972

Kingtronics®

KEC

 **LGE**

 **RAYSTAR**

 **SGMICRO**

 **SMARTsemi**™

 **SMART**®
Modular Technologies

sonitron®
Piezoceramic audible components

 **TAEJIN Technology**
HTC Korea

TOPPOWER

EMBEDDED –INDUSTRIAL

ASUS IoT

PENGUIN™
SOLUTIONS

 **Transcend**®

 **wireless-tag**

Bruckewell technology Co LTD. registered in Delaware, USA and total capital is 3million USD. Began its business on semiconductor material electronic components in San Jose, California.

In 2007,semiconductor division founded in Taiwan for discrete semiconductor wafer design and branded products, including the bare die level products, Schottky devices, General/ Fast Diodes, TVS/Zener Devices and MOSFET. We supports industrial, communication, consumer, lighting, networking, and tablet applications

Bruckewell technology Co LTD is a discrete semiconductor design company that have the able to offer KGD wafer-level products to provide system-in-package solutions (SiP) and multi-chip package (MCP).



TVS/ESD/EMI

- [Transient Voltage Suppressor](#)
- [ESD/ EMI Protector](#)



Transistors

- [Transistors](#)
- [Digital Transistors](#)



Bare Die

- [Schottky wafers](#)
- [Diode Wafers](#)
- [TVS/ Zener wafers](#)
- [MOSFET wafers](#)



Diode/Rectifier

- [Standard/ Fast Recovery Diode](#)
- [Schottky Diode](#)
- [Switching Diode](#)
- [Zener Diode](#)
- [Bridge rectifier](#)
- [SiC Schottky](#)



MOSFETs

- [MOSFETs](#)
- [HV MOSFETs](#)
- [SiC MOSFET](#)
- [GaN HEMT](#)



Power Management Drive

- [Driver IC](#)
- [IGBT](#)
- [Power MOSFET Module](#)

Others

> Power Meter

Application

CHIPANALOG

川土微电子

Power & Energy

- > Solar Inverter
- > Energy Storage Systems
- > Charging (Pile) Station
- > Communication Power Supply
- > Industrial Power Supply

Automotive

- > OBC and DCDC
- > EV Driver
- > BMS
- > HV AC Control Unit

Industrial Control

- > Servo
- > Inverter
- > PLC

Reed Relay



D TYPE

DH Type

S Type

SS Type

Solid State Relay



DC2

AC2

AC3

AC8



cosmo

Since the establishment in 1981

Cosmo Electronics Corporation has become world's leading manufacturers in the field of Photo Couplers and Relay.

In beginning, we were dedicated the innovation of developing lead-edge products of RELAY .

In terms of new technologies launched to market day by day, we had decided to involve the field of OPTO electronics device for two product lines, Photo Couper and SSR-MOSFET output. Those two product lines could be fulfill demands came from market for Power supply 、 Battery Management System 、 Industrial 、 Security and Automobile related.

SSR-MOSFET Output



4PIN

5PIN

6PIN

8PIN

4SOP



8SOP

Photo Coupler



4PIN

6PIN

8PIN

16PIN

4SOP



4SSOP



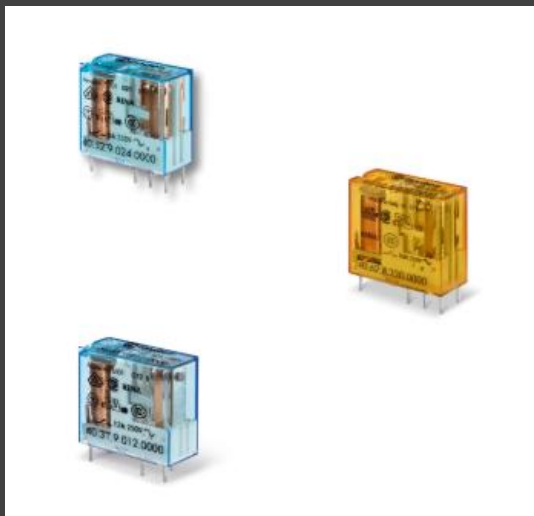
4LSOP



Fastron
Fine Inductors

FASTRON is a brand name for inductors. Originally from Germany, we now operate manufacturing facilities in Eastern Europe as well as South East Asia, which are all IATF 16949 and ISO 14001 certified. Founded in 1978, we manufacture RoHS compliant, high quality (e.g. AEC-Q200 grade) surface mount and leaded inductors and coils.

Besides this core business, FASTRON also successfully operates a large sheet metal production for precision metal enclosures and electro-mechanical assemblies. Part of the FASTRON Group is also the company Rapid Biomedical based in Germany, experts in custom made MR Coils for MRI scanners. We are very proud to serve all of our customers all over the world with the highest quality products.



Relè industriali
Interfacce modulari a relè
Relè per circuito stampato
Relè con contatti guidati
Relè di controllo
Relè stato solido (SSR)
Termoregolazione industriale
Lampade LED da quadro
Accessori da quadro
Temporizzatori

Alimentatori switching
Contatori di energia
Scaricatori di sovratensione (SPD)
Contattori modulari
Contattori industriali
Prodotti per applicazioni ferroviarie
Prodotti IECEx/ATEX/HazLoc
Prodotti ATEX/HazLoc
OPTA - Programmable Logic Relays (PLR)



Products

- Microcontrollers & Microprocessors >
Optimize real-time processing and scalability
- Sensors >
Enhanced precision in measurements.
- Analog and Mixed-Signal ICs >
Optimize system performance and integration
- Automotive Products >
Provide chipsets with safety and reliability
- Motor Control Products >
Integrated High-Performance Solutions
- Online Selection Tool >
Easy to find the suitable products

Applications

- Automotive
Meet the functional safety to help vehicles upward development
- Industrial
Enabling Industry 4.0 to accelerate product energy efficiency upgrades
- Consumer Electronics
Enhance product competitive advantage and simplify the development cycle
- Power & Energy
Promote the transformation and upgrading of the energy structure
- Application Cases
Help users to inspire new designs
- Technology >
Explore innovative design to promote technological development

Geehy
SEMICONDUCTOR



Based on Arm® Cortex®-M0+/M3/M4F Cores



Full replacement for family STM32F

Optocouplers

Optoswitches



ISOCOM
COMPONENTS

Products include:

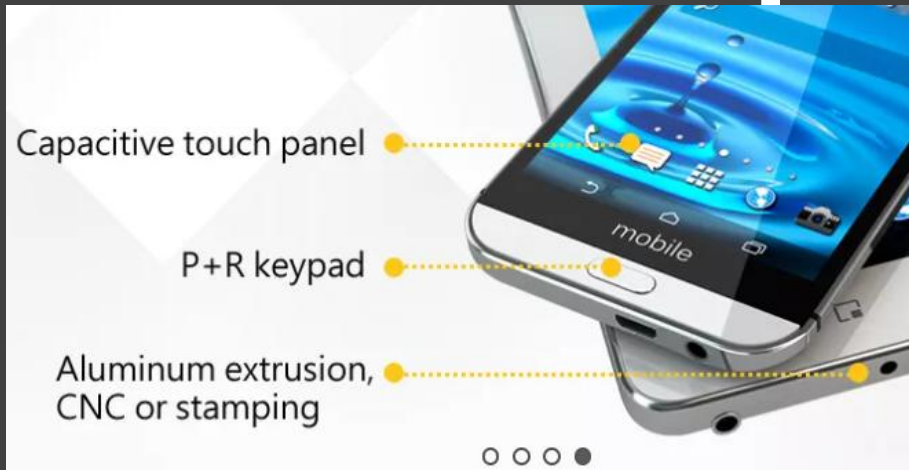
- Transistors (Singles, Duals, & Quads)
- AC Inputs (Singles, Duals, & Quads + Single 6 Pin Devices)
- Schmitt Triggers (Single Channel, Microprocessor Compatible)
- Darlingtons (Singles, Duals, & Quads)
- Triacs (Standard & Zero Crossing Devices)
- Low Power Couplers (Single, Dual, & Quad – Transistor & Darlington Devices)

Features

- CTR Range
10% to 600% for Transistor Detectors
1000% min for Darlington Detectors
- Isolation Voltage
7500v
- Collector to Emitter Voltage Range
30v to 400v
- Peak Triac Blocking Voltage up to 800v

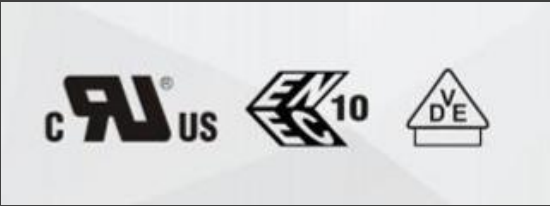
Company Profile

Kingley Rubber Industrial Co.,Ltd. was founded in 1972, a well-experienced silicone rubber keypad manufacturer. Over 40 years experiences plus continuous efforts of developing new technologies have given KINGLEY a worldwide reputation as one of the leaders in silicone rubber and membrane manufacturing industries. Our most important goal is to meet the needs of the customers.



Founded in 1990 in Hong Kong, Kingtronics operates factories in Sichuan and Guangdong, China, with around 850 employees. We offer a range of electronic components under the Kt and Kingtronics brands.

With a strong presence in Europe, South America, North America, and South Africa, we are proud of our reputation built through dedicated service and quality.



Kingtronics® Kt®
Inspired by innovation



Diodes

- ◊ SKY 20-300V
- ◊ Switching Diodes
- ◊ Rectifiers
- ◊ FRED
- ◊ Bridge

Protection Device

- ◊ TVS $\leq 6.6\text{KW}$
- ◊ ESD Arrays $\geq 0.2\text{pF}$
- ◊ Zener Diode $\leq 5\text{W}$

Bipolar Transistors

- ◊ Small Signal BJT
- ◊ Low $V_{ce(sat)}$ Power BJT



SIC Diodes



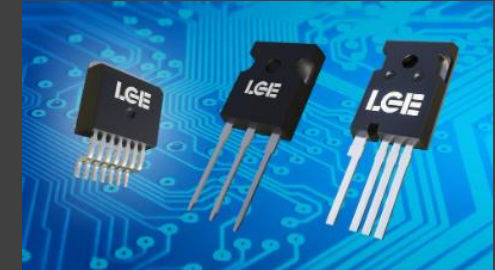
Bridge Rectifiers

Bridge Rectifier

- ◊ Low VF Rectifier 600V
- ◊ Rectifier 1000V

MOSFET

- ◊ Small Signal MOSFET
- ◊ MOSFET 20-40V
- ◊ MOSFET 600-800V



SIC FETs



LGE

IGBT

- ◊ Gen1 FS Trench IGBT 650 - 1700V

ESD

- ◊ Deep Snapback ESD 3.3V/5V
- ◊ ESD Arrays $\leq 0.2\text{pF}$

Products are compatible to Global Brand



FRED

- ◊ Gen2 FRED 650 - 1700V

SiC

- ◊ Gen1 SiC Diode 650 - 1200V

SiC

- ◊ Gen2 SiC Diode 650V - 1700V
- ◊ Gen1 SiC MOSFET 650V - 1200V



Diodes & Rectifier



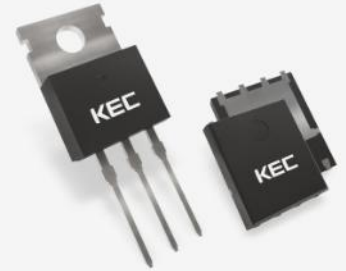
Bipolar Transistors



IGBTs



MOSFETs



KEC

Power Management



Amplifiers & Comparators

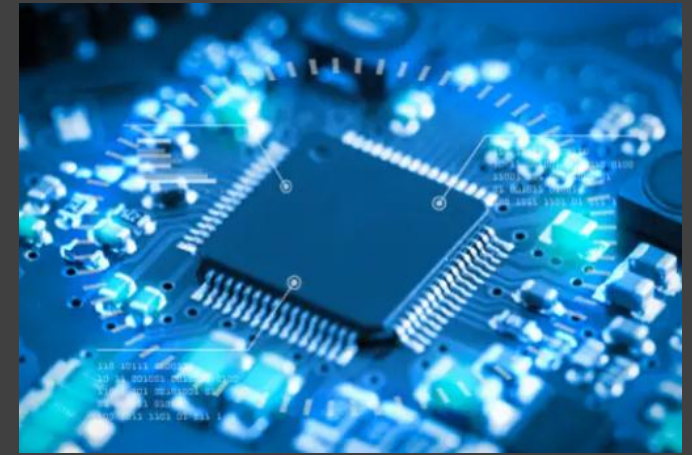


50 years of localizing semiconductors, a professional in power semiconductors,

KEC is a professional in semiconductors was established as Korea Electronic Holdings in 1969, walking side by side with the history of the Korean electronic industry. KEC is centered on non-memory power semiconductors, affiliated long-term with major domestic automobile and appliance manufacturers, and is becoming a global enterprise by increasing export portions to China, Japan, and the USA.

Currently, KEC supplies its products through 12 local branches and overseas distribution networks, and is still expanding its global networks through partnerships with major global distributors.

SG Micro Corp (SGMICRO) specializes in the development, manufacturing and sales of high-performance and high-reliability integrated circuits for analog signal conditioning and system power management, offering innovative solutions to a broad range of applications in the industrial, automotive, communication, computing, consumer electronics, and medical equipment markets.



SGMICRO offers a wide range of products ;
Amplifiers: operational, low noise, high precision and high speed.

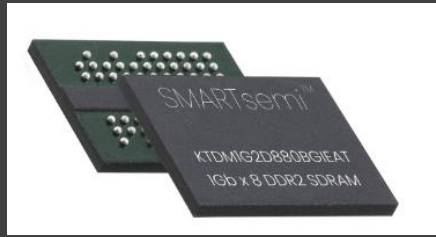
Signal converters: ADC (Analog-to-Digital)
and DAC Digital-to-Analog) Converters.

Voltage regulators: LDO (Low Dropout) and DC/DC switching regulators.
Analog interfaces and switches: multiplexers, analog switches and interfacing products.

Audio and video drivers: high-performance video buffers and headphone drivers.

Power management: IC for battery management and protection, power switch and LED driver.

SMARTsemi DDR2 (512Mb and 1Gb), DDR3(L) (1Gb, 2Gb, 4Gb, and 8Gb) and DDR4 (4Gb) are offered in x8 and x16 configurations. Commercial, Industrial, and Wide (Automotive) temperature ranges are supported. Select devices are AEC-Q100 Automotive tested.



SMARTsemi FLASH devices use high-endurance MLC, pSLC, and TLC NAND in industry-standard packaged components and cards. Commercial, Industrial, and Wide (Automotive) temperature ranges are supported. Our eMMC products integrate NAND Flash with a CPU in a single packages of various bus widths and capacities from 4GB to 128GB. Our FLASH Cards are offered in SD and microSD form factors in capacities from 8GB to 256GB.



SMART's DDR4 SDRAM components are widely industry-compatible and available in x8 and x16 configurations. Offered in both industrial and commercial operating ranges in standard 78- and 96-ball grid array packages, these 1.2V devices have a clock speed of 2666 Mbps and in a 4Gb density.



SMART's DDR3(L) SDRAM components are widely industry-compatible and available in x8 and x16 configurations. It is offered in commercial, industrial, and wide (automotive) temperature operating ranges; in standard 78- and 96-ball grid array packages; and at 1.5V (DDR3) / 1.35V (DDR3L) power levels. The devices have a clock speed of 1866 Mbps in 1Gb, 2Gb, 4Gb, and 8Gb densities. Select Wide/Automotive temperature operating range devices are also qualified for Automotive AEC-Q100 Grade 2 applications.

Experience since 1977, ongoing internal research and intensive development of specialist know-how results in a wide range of high quality, robust and reliable cost-effective buzzers, transducers, alarms, and highly sophisticated speakers.

Sonitron piezo components meet the needs of many different applications, such as medical, industrial, naval, heavy-duty, airspace, military and other applications



sonitron®
Piezoceramic audible components

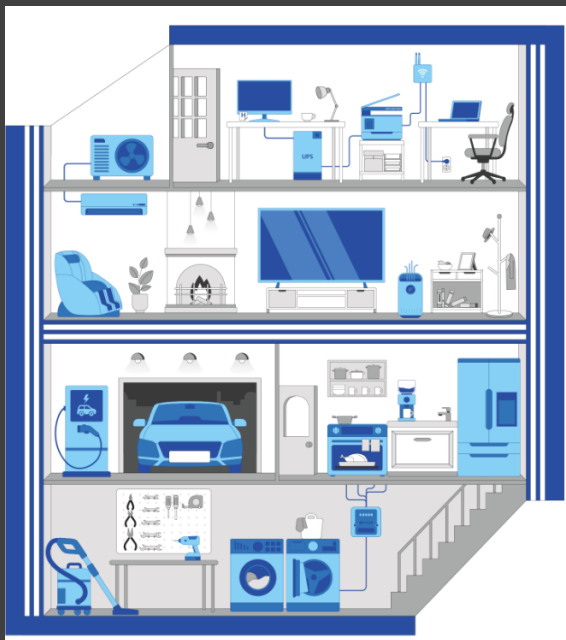


Buzzers & Transducers

Alarms & Sirens

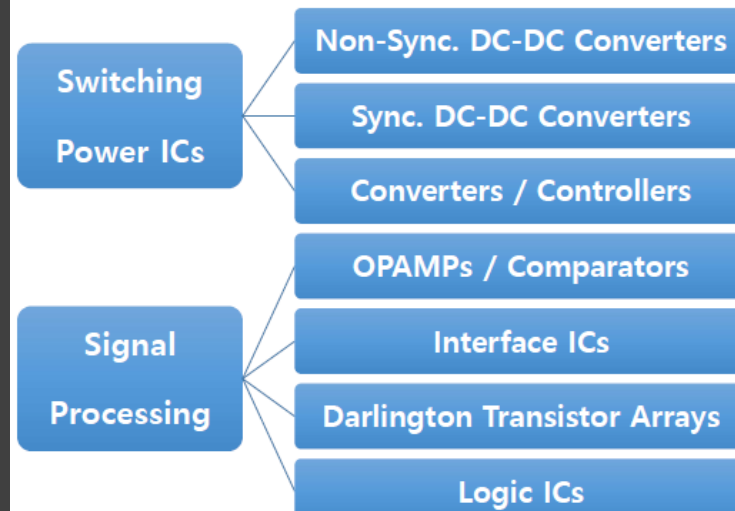
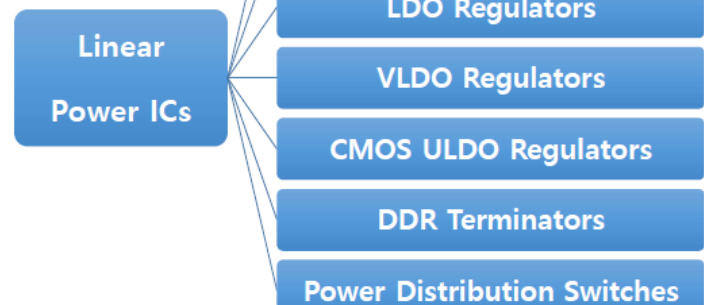
Piezoceramic Speakers &
Amplifiers

Piezo Audio Amplifiers



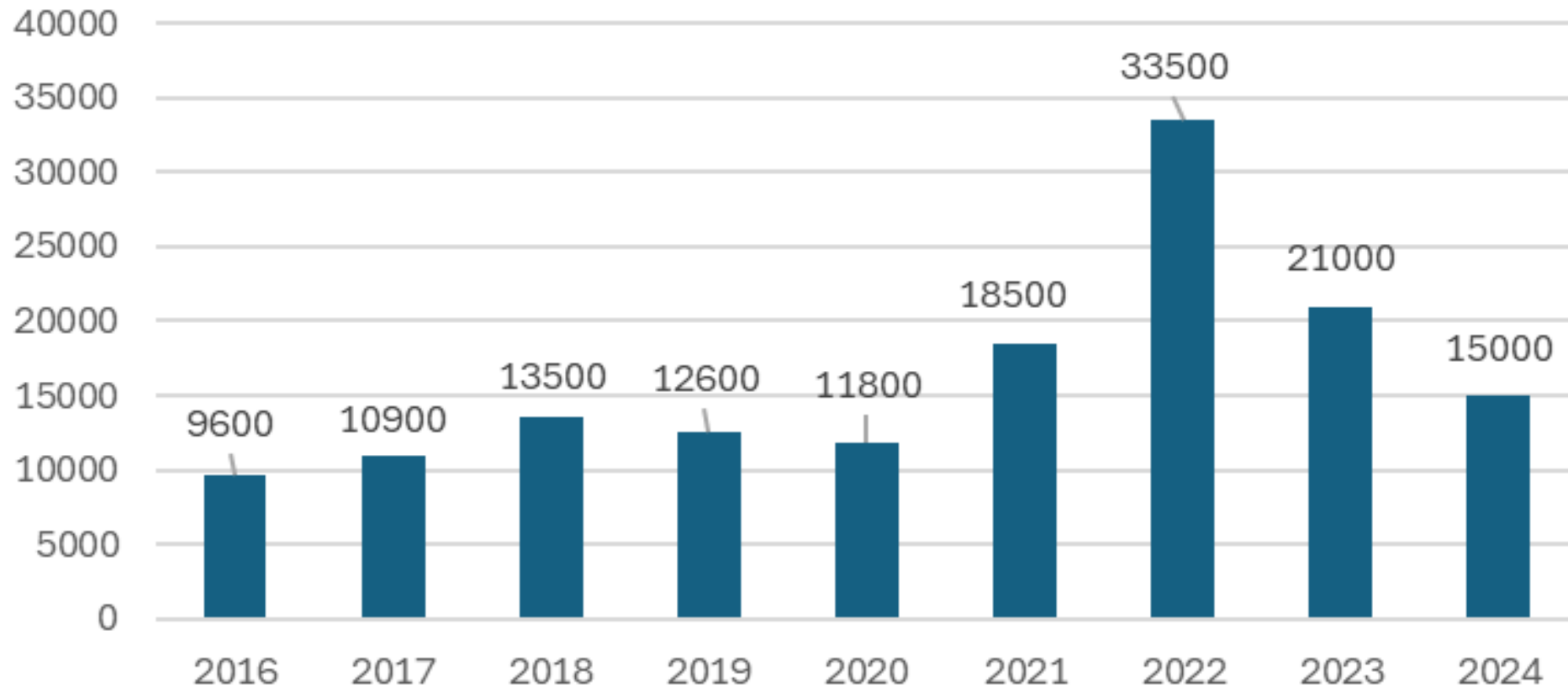
TAEJIN Technology **HTC Korea**

- ▣ Voltage Reference
- ▣ Standard Linear Voltage Regulator
- ▣ LDO Voltage Regulator
- ▣ VLDO Voltage Regulator
- ▣ CMOS ULDO Voltage Regulator
- ▣ DDR Termination Regulator & OCP IC
- ▣ Step-Down Switching Voltage Regulator
- ▣ Step-Up Switching Voltage Regulator
- ▣ Converter & Controller
- ▣ Operational Amplifiers & Comparators
- ▣ Interface
- ▣ Current Driver
- ▣ Logic



MARKET PERFORMANCE

Revenue (k €)



WHO'S WHO



Managing Direction
F. La Braca

Quality
A. Vallone

Delta Usa LLc
A. Salvatore

*Accounting
& Finance*

Customer Service

Sales Department

Sales Agent

Accounting Dept
D.Bosisio

Customer Service
A. Colombi

Logistic EN9120
R. Palumbo

Industrial & Systems
P. Bonacina

Components
S. Isola

Components
F. Fassina

*Northern
Italy*

Credit Management
C. Loli

Customer & Logistic
M. La Braca

Import Export
L. Mancino

Components
L. Franzetti

Inside Sales
M. Lotti

Components
A. Frigerio

*Eastern
Italy*

Accounting Dept
S. Granzini

Inside Sales
F. M. La Braca

Components
TBD

F.A.E
TBD

*Central &
South Italy*

CONTACTS



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