



Realize your  
**Monodzukuri.**

# ARTRON AMERICA, Mexico. Company Profile

November 2<sup>nd</sup> , 2022

# ARTRON Basic Information

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## 【Basic Information】



Company name	TOA ELECTRIC INDUSTRIAL CO., LTD
Head Quarter	5-1-4 Sotokanda, Chiyoda-ku, Tokyo 101-0021, Japan
Established	June 17 <sup>th</sup> 1947
Capital	450 Million JPY(=Approximately 4.1 Mil USD)
Sales revenue	80 Billion JPY(JP : 50Billion JPY, Other than JP: 30Billion JPY)
Employee	Approximately 320

## 【Business】

- Trading(distribution)
- Logistics support
- Global Support
- Manufacturing
- Design support
- Product Development

# 74 Years History & a solid business foundation

# ARTRON AMERICA – Basic Information

## ARTRON AMERICA, INC.

12743 Capricorn Drive, Suite 100

Stafford, Texas 77477 USA

PH: 1-281-313-8811

Fax: 1-281-313-8808

E-mail: [sales@artronamerica.com](mailto:sales@artronamerica.com)

URL: [www.toadenki.co.jp/en/](http://www.toadenki.co.jp/en/)



**Company Name:** ARTRON AMERICA, INC.

**Date of Incorporation:** May 2006

**Capital:** 3,000,000 USD

**Board of Directors:**

President: Kazuhiro Ogawa

Director: Akio Shigeta (HQ President in Japan)

Director: C.O.O.: Masayoshi Fukunaga

**Major Customer's Field:**

Automotive, Semi-conductors, Medical

**Major Customers:**

Nissan North America

Denso

Panasonic Automotive America

Goodman Manufacturing/Daikin

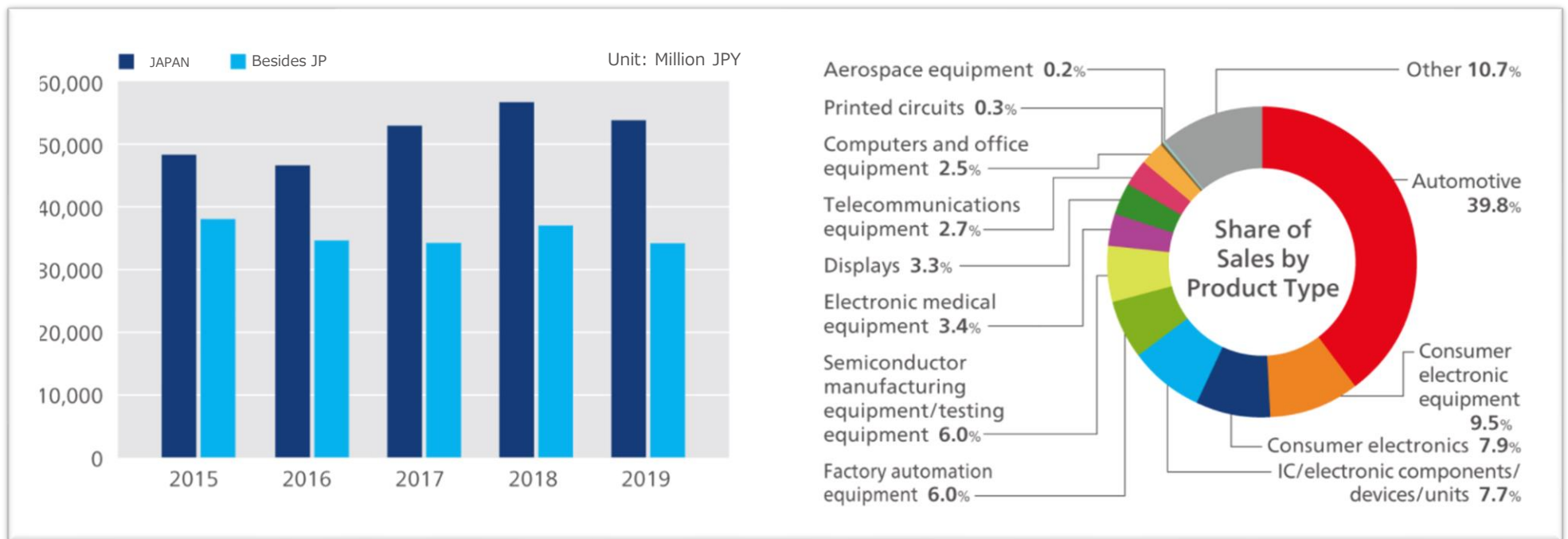
Mitsubishi Electric Automotive America

Yazaki North America

Sanoh Manufacturing Corporation

\*ARTRON AMERICA is a wholly owned subsidiary of TOA ELECTRIC INDUSTRIAL CO., LTD

# Sales Trend



Approximately 800 Million in USD as whole TOA/ARTRON sales

# WHY ARTRON?

ARTRON AMERICA, MEXICO offers

- Global Network
- OEM business
- Just In Time delivery Operation
- Local Engineering / Quality Support
- Multiple language support.  
(Spanish, English, Japanese native speakers staff.)
- Wide range product line up
- IMMEX / non-IMMEX service OK.

# TOA/ARTRON Global network

Asia : 22 Locations  
 North America : 6 Locations  
 EU : 2 Location

● Local Subsidiary  
 ● Branch / Representative office



TOA/ARTRON group work with customers all over the world with our global network



# ARTRON AMERICA – North America Network



Current Operation(2021)

● **ARTRON AMERICA, INC.HQ**  
Houston, TX, USA

● **Branch / Representative office**  
San Jose, CA, USA  
-New business development

Detroit, MI, USA  
-New business development  
-Technical support

Atlanta, Georgia, USA  
-New business development  
-Warehouse operation

Monterrey, MX(from 2020)  
-New business development  
-Warehouse operation

Reynosa, MX  
-Technical/Quality/Delivery support  
-Warehouse operation

# OEM Business

ARTRON/TOA is a trading house.

However, we have our own factories and Subcontract factories.



We can coordinate from  
*A SINGLE COMPONENT*  
*TO*  
*FINISHED PRODUCTS*



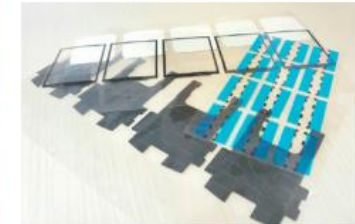
# OEM Business – ARTRON/TOA Factory

## MALAYSIA

### ARTRON PRECISION MALAYSIA SDN. BHD.



- Address  
No 9, Block 9B, Jalan Tahana,  
Tampoi industry Estate,  
80350 Johor Bahru, Johor, Malaysia  
TEL +60-7-238-7632 FAX +60-7-238-7672
- Site area 2,376 m<sup>2</sup> • Factory area 1,296 m<sup>2</sup>
- ISO 9001 and ISO 14001 certification acquired



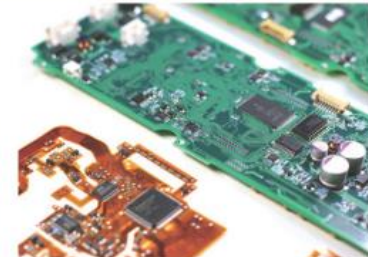
- Processing of precision-punched films, sheets, and optical films
- Factory equipped with clean rooms (class 10000)
- Support for the ASEAN area in cooperation with TOA SINGAPORE
- LMW license (bonded warehouse license) acquired
- Sales within Malaysia authorized (local-currency and foreign-currency trading)

## TAIWAN

### ARTRON TECH INC.



- Address  
2F, No.370 Xin Hu 1st Rd, Nei Hu District,  
Taipei city 11494, Taiwan R.O.C.  
TEL +886-2-2793-2227 FAX +886-2-2794-2226
- Site area 1,750 m<sup>2</sup> • Factory area 1,750 m<sup>2</sup>
- ISO 9001, ISO/TS 16949 and ISO 13485 certification acquired



- High-density, high-precision SMT (substrate surface mounting)
- High quality, quick delivery, and technical support
- Assembly of OEM finished products
- Integration and procurement of parts

# OEM Business – ARTRON/TOA Factory

## DONG GUAN

### ARTRON DONG GUAN CO. LTD



#### Address

No 7, Shang Zhen 2nd Road, Shang Jiao District. Chang An Town, Dongguan City, Guangdong Province, P.R.O.C  
Postal Code: 523878  
TEL +86-769-85420252 FAX +86-769-85420239  
• Site area 5,400 m<sup>2</sup> • Factory area 1,800 m<sup>2</sup>  
• ISO 9001 and ISO 14001 certification acquired



- Processing of precision-punched films, sheets, and optical films
- Factory equipped with clean rooms (class 10000)
- Processing of slits (for adhesive tape and optical films)
- OEM-certified factory producing paste solder for Arakawa Chemical Industries, Ltd.
- Duty-free trading (foreign currency) and trading within China (RMB)

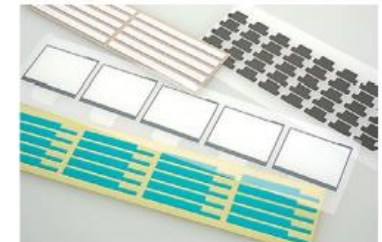
## SHANGHAI

### ARTRON DONG GUAN CO. LTD



#### Address

1F, OF32BD, NO.76 FUTE ROAD(E3),  
PILOT FTZ, SHANGHAI, 200131, CHINA  
TEL +86-21-5048-3810 FAX +86-21-5048-2224  
• Site area 3,200 m<sup>2</sup> • Factory area 1,030 m<sup>2</sup>  
• ISO 9001 and ISO 14001 certification acquired



- Processing of slits (for adhesive tape and optical films)

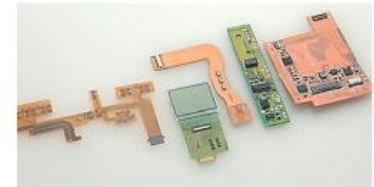
# OEM Business – TOA Factory Introduction

SUZHOU

## ARTRON SUZHOU CO., LTD.



- Address  
4#House, Dongyun-Investment Technology Zone,  
Shanhu West Road558, East Area Of Wujiang Economic  
Development Zone, Jiangsu China  
TEL +86-512-6343-9918 FAX +86-512-6343-9966
- Site area 4,800 m<sup>2</sup> • Factory area 7,000 m<sup>2</sup>
- ISO 9001, ISO 14001, and ISO/TS 16949 certification  
acquired

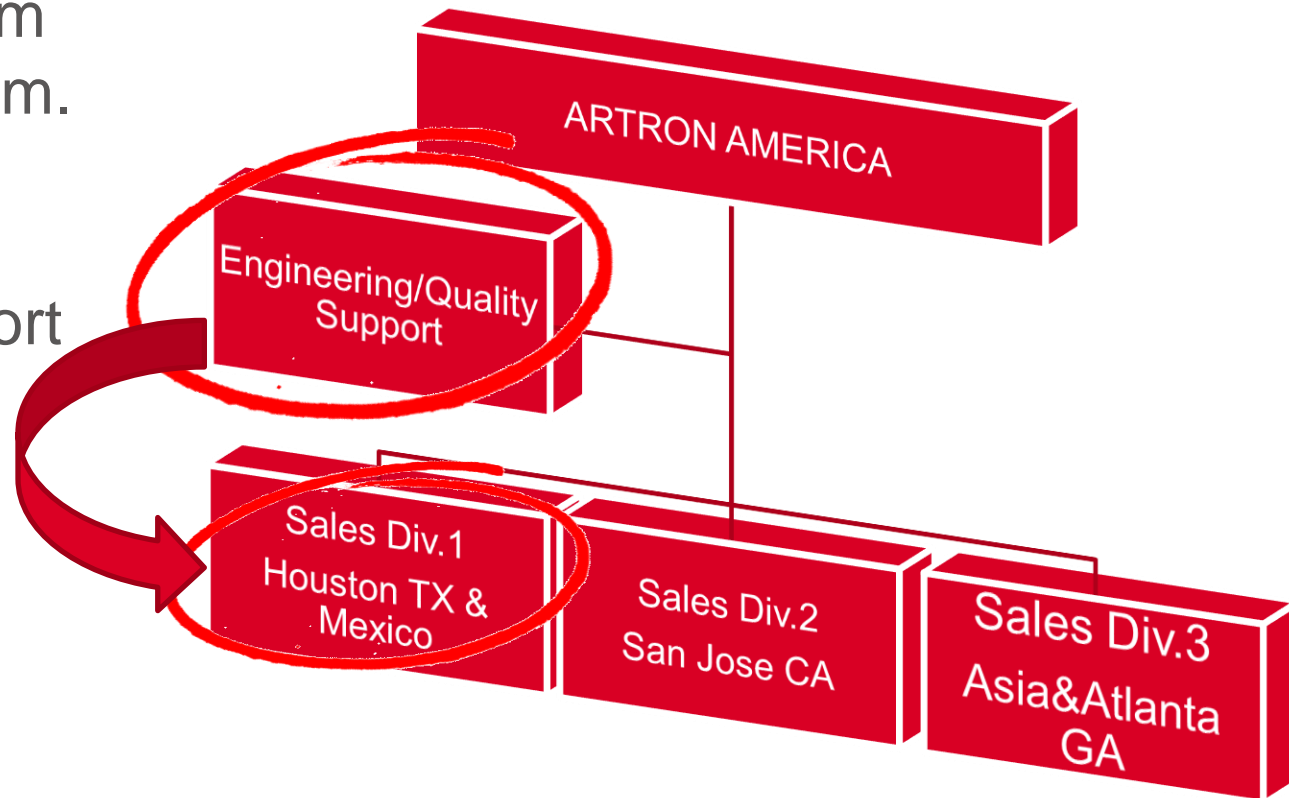


- High-density, high-precision SMT (substrate surface mounting)
- High quality, quick delivery, and technical support
- Integration and procurement of parts
- Processing of precision-punched films and sheets
- Factory equipped with clean rooms (class 10000 and class 5000 and class 1000)
- Duty-free trading (foreign currency) and trading within China (RMB)
- Punching of optical films for LCDs

# Local Engineering / Quality Support

We have a engineering team independent from sales team.

Our well experienced engineering team will support product designing, quality control and technical communications between customers and suppliers





# PRODUCTS BY APPLICATION

**Touch Panel**



**Meter Panel**



**LCD & Flat Panel Speaker**



**Map Lamp**



**Plastic Molding**



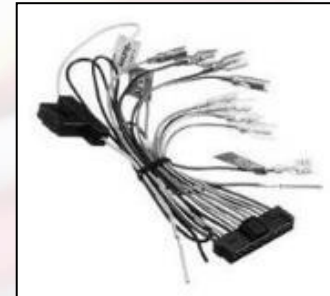
**Busbar Molding**



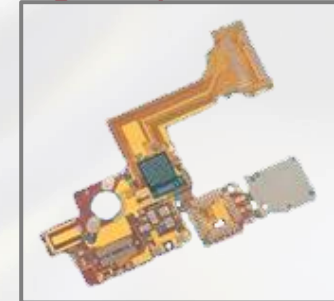
**Heat Seater**



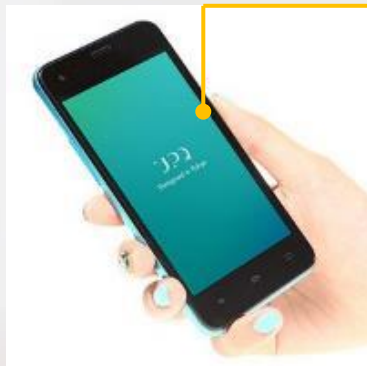
**Harness ASSY**



**High Temperature FPC**



# PRODUCTS BY APPLICATION



## 【Cover panel(Glass)】

Chemical reinforce  
Cutting  
Printing  
AR/AF



## 【Body (Plastics)】

Film Insert Molding  
Decoration film

## 【Keypad (Plastics)】

Weldless plastic molding  
Painting  
Pad print



## 【Console panel (Plastics)】

Weldless plastic molding  
Painting

## 【Center panel display】

Moth-eye film for better visibility

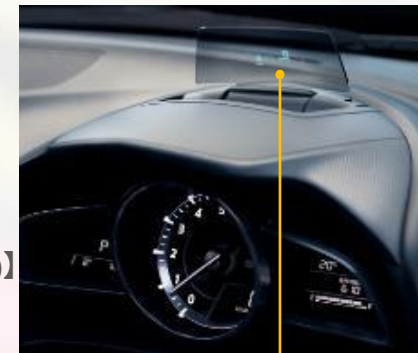
## 【Metallic Decoration (AL)】

Metal stamping  
Alumite finish



## 【Electric Mirror(Glass/Plastics)】

Screen Printing  
Deposition  
AG/AR



## 【Combiner(Plastics)/HUD related】

Optical Plastic Molding  
Deposition  
Dust cover  
Concaved mirror  
Cold mirror



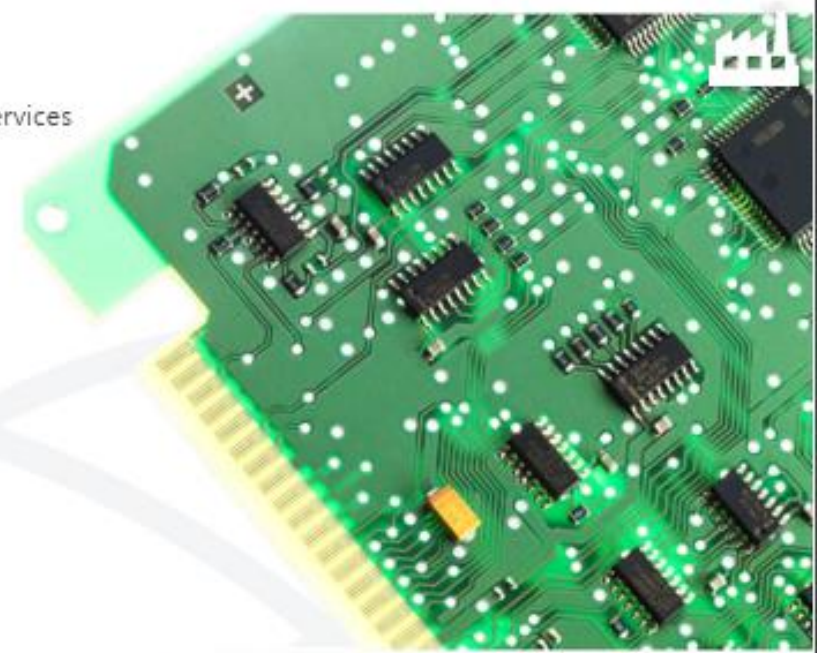


## PCBA / EMS / CM

Understanding the market competitiveness, we strive to provide customers integrated services and focus on core competencies. Constantly taking actions in reviewing our materials resources and keeping up with the rapid growing technology.

Our production capability includes :

- Surface Mount Technology (SMT),
- Thru-hole insert assembly,
- Plastic Injection Molding,
- Metal Stamping and
- Final Assembly.



Integrated Suite of Solutions

Real-time Inventory Management

Dedicated Training Centre

Supply Chain Management

Traceability



## PCBA / EMS / CM

Benefits from the strategic location in southeast Asia, we have a team who are multi-lingual and with engineering skills. We believe that communication will be stress-free with your operation team and our vast component suppliers. Ultimately, saving time and cost with this plus-point.

We have established strategic partnerships which facilitates full supply chain services with our experience project management capability.

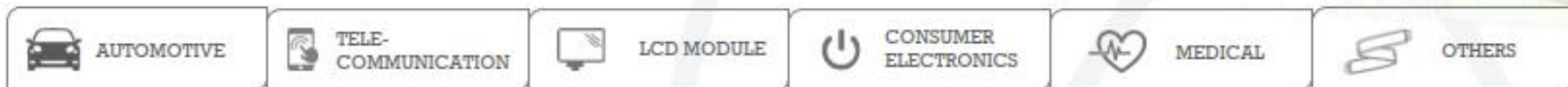
- Project Management
- Engineering & Development
- Quality
- Sourcing & Purchasing
- Inventory
- Logistics
- Cost Reduction



# Material Die-cut

Custom die-cut parts are used in a variety of **applications** in electronic & electrical manufacturing.

- Radiation
- Insulation
- Conductive
- Magnetic / Noise Reduction
- Fitting
- Shielding
- Shading
- Dust & Water-proof
- Protection Film
- Polarization
- Shock Absorber
- Customised Application

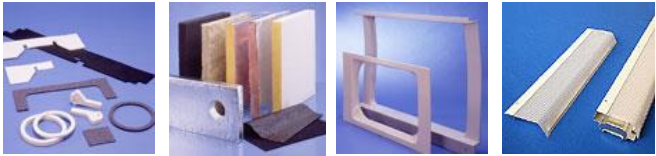
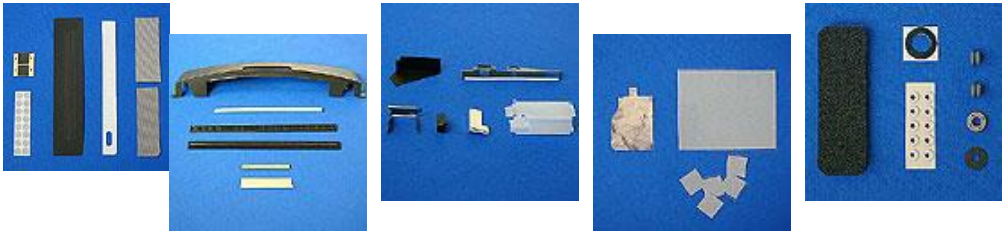
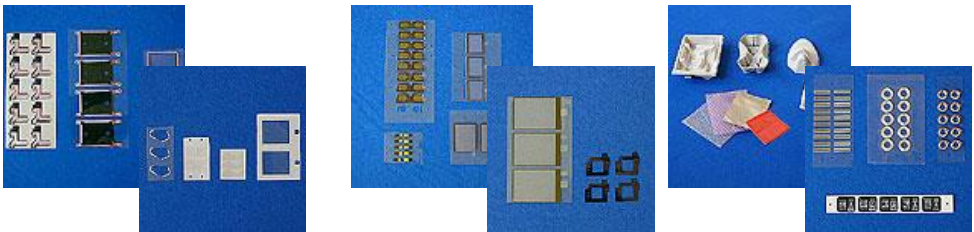



Some of the application examples:

Gasket, LED Diffusion Sheet, LED Light Guide Plate, Thermal Sheet, Aluminum Sheet, Magnetic Sheet, Battery Cushion, Spacer, PET/PC Insulation Sheet, Foam, Foot Pad, Shock Absorber, LCD Cushion, LCD Double-sided Tape, Display Surface Protection, and more



# Die Cut Products Line-up by application

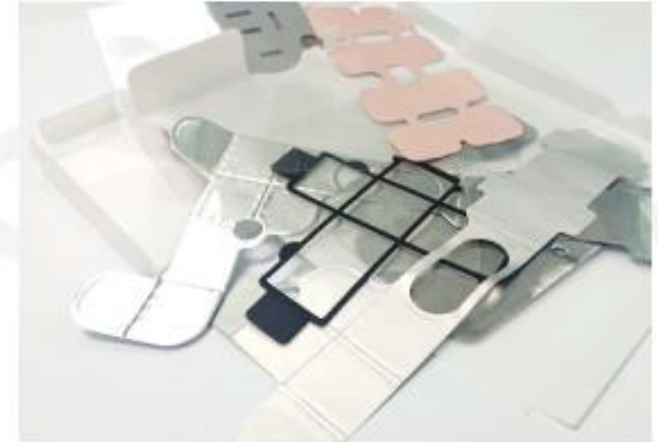
Field(分野)	Products(製品)	Image(製品イメージ)
Transportation	Sponge/Felt Molded Plastics	
Audio/Visual	Gasket/Insulator Speaker Sheet Heat/Vibration Control	
Digitalized Consumer Products	Shield Products Form Products Packaging Joint Parts	
Home Electronics & Industrial Components	Energy/Laundry Air Conditioner Vacuum Refrigerator	

## Material Die-cut

Maintaining good relationships with materials suppliers enables us to provide technical product information and samples to customers efficiently.

TYPES OF MATERIAL available for process:

- Adhesive Tape
- Double-sided Tape
- Diffusion Sheet
- Thermal Sheet
- Aluminum Sheet
- Magnetic Sheet
- PET/PC Insulation Sheet
- Cushions / Foam
- Silicon Sheet
- Shock Absorber, and more



We can procure most of the materials from major brands which are based on **Customer's Approved Vendors**.

## MATERIAL BRANDS



*Disclaimer: For informal purposes only. All product and company names are trademarks™ or registered® trademarks of their respective holders.*

## Plastic Parts

Capability to offer a One Stop Solution for better cost savings and efficient turn around time with our Quality Assurance.

- Design, CAD/CAM Solution
- Tooling Design & Engineering
- Mould Making & Fabrication
- Plastic Injection Moulding
- Secondary Process
- Assembly & Quality Assurance



Clean-Room  
Manufacturing





## Mechanical Parts

Soft-close Hinge, Damper



### Applications:

- Drawers and cabinets soft-close
- Soft-close for washing machine door, refrigerator door, oven door, rice-cooker cover, air-con flap, etc.

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## In-mould Lamination (IML / IMD), Name Plate



- Decorating Technologies (Screen Printing, Digital Printing, Hot-stamping)
- Forming Technologies (Heat, Cold and Vacuum)
- Cutting Technologies (CNC Machining, Mirror Polishing, Buffing, Punching)
- Finishing (UV Patterning, Embossing, Mirror Effect, Soft Touch)

# Insulation Materials

Rubber & Plastic Foaming, Sound-proofing, Insulation, etc.



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## Insulation Materials

### Freezer / Refrigerator Door Seal Strip

PVC with magnetic  
Hardness: 20 ~ 90 Shore A

Also available in Solid & Hollow Strip, Strap, Channel, Angle, Tubing, Trim, Edging, Sheet, etc. It can come in all sizes, shape and color.

NSF,FDA,UL,ROHS,REACH

Craft: Extrusion, Molded, Pressed  
Temperature: -55°C-150°C  
Material: PVC/EPDM/SR



Made of the high-quality EPDM. Anti-aging and resistance to temperature change. Sealed tightly.

When the internal and external temperature difference is above 70°C and the relative humidity is more than 80% inside, there is a very good sealing adiabatic effect.

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## Interconnection

- Connectors

Wire-to-board connector | Terminal blocks | USB Connector | Waterproof Connector IP68

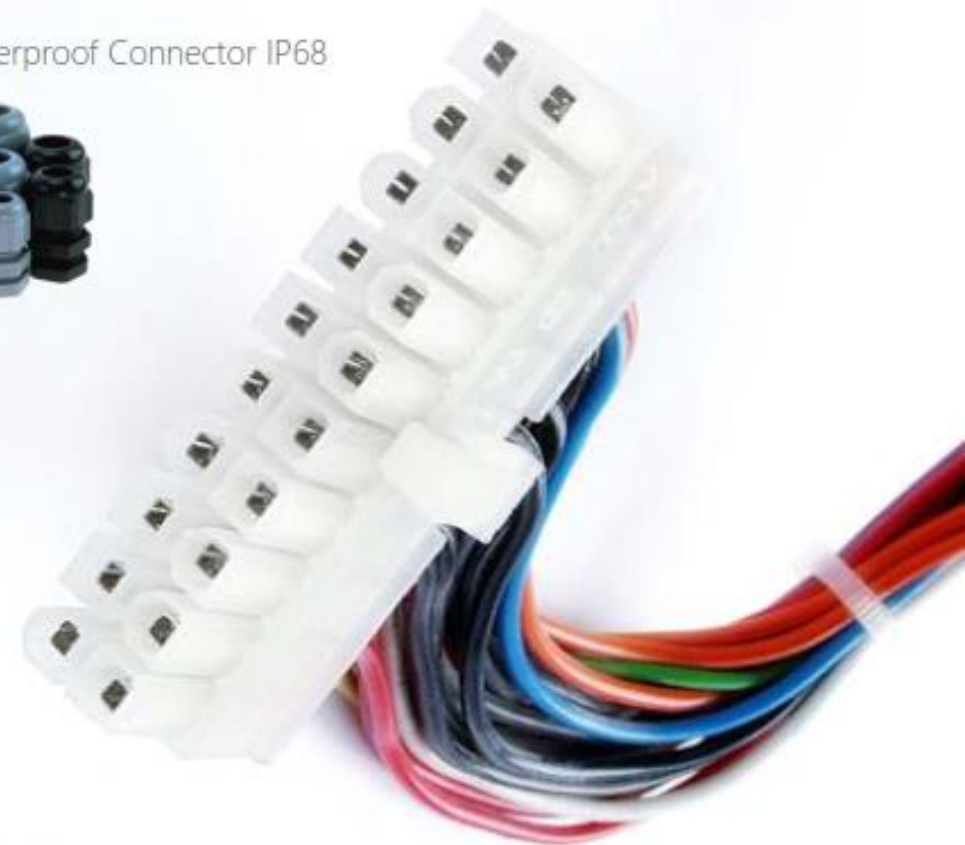


- Wire / Cable

Wide range available from few manufacturing locations.  
UL wire series, Halogen-free wire, Flat Cables, Power Cables,  
Copper wire, Lead wire, etc.

- Wire Harness

Available in diverse specifications catering to customer's needs.



## Electro-mechanical Parts



### Transformer

- Switching Mode Power Supply Transformer
- Gate drive Transformer
- Current Sense Transformer



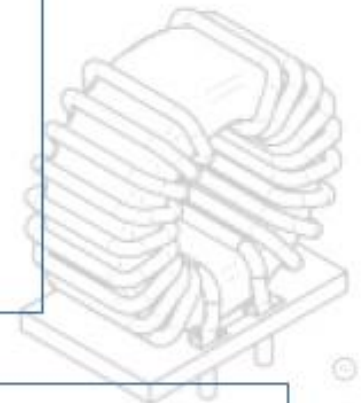
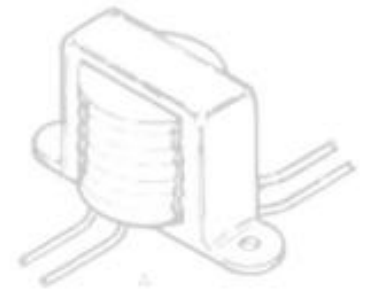
### Inductor

- Common Mode Choke
- Power Inductor
- High Power Inductor
- SMD Inductor



### SMT Line Filter

- Current-compensate chokes for data or signal lines, power supply systems, signal measurement filters



### Power Relays

- Signal Relay
- Power Relay
- Latching Relay
- Hermetically Sealed Relay
- Relay Socket
- New Energy Relay



### Ferrite Core / Beads Magnets

- Current-compensate chokes for data or signal lines, power supply systems, signal measurement filters



## Electro-mechanical Parts

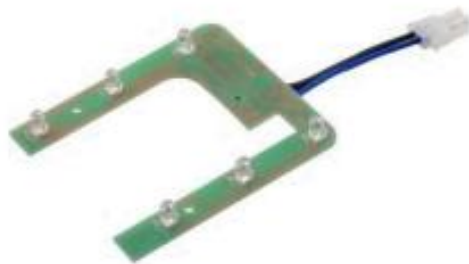


Series of lighting modules customization which are used in refrigerator, freezer and congealer, chiller. With functions of temperature control, illumination, timing, defrosting and door switch control, etc.



*Light Box*

### Lighting Modules



*LEDs assembled board / LEDs Strip*



## Heating Elements

- Polymide heating element
- Polyester heating element
- Mica heating element
- Transparent film heating element
- Wire type heating element



## Cable / Wires Management

### Aluminum Coated Fiberglass Heat Reflective Sleeving

Aluminum Coated Fiberglass Heat Reflective Sleeving is made of two layers, the inner is weave by glass fiber yarn, the outer layer coats a layer aluminum. Due to the use of special processing, the product good shading, reflecting heat, insulating heat, shielding signal, resistance to high-low temperature and other good characteristics.



### PVC Button Aluminum Foil Cable Shielding Sleeve

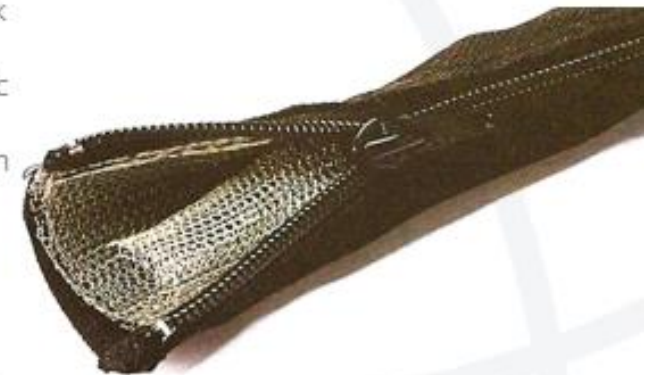
This is widely used in the neatening, protecting and shielding electric wires and cables of distribution cabinet, computer, TV, high-speed rail, automation equipment, etc.



### Zipper Shielding Sleeving

Material: Polyester  
Flame retardant grade: DIN 5510  
Melting point:  $240 \pm 10^{\circ}\text{C}$   
ROHS, meet the halogen free  
Working temperature:  $-50^{\circ}\text{C}$  to  $+150^{\circ}\text{C}$

This is made of the recombination of tinned copper hook silk net, flame retardant cloth and zipper. Has the characteristics of shielding High sensitive electromagnetic interference, noise-reduction, dust proof and abrasion resistance. With the zipper design, it's easy for installation and removal, convenient to use.



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## Display Module

- TN / STN / FSTN LCD panel and module
- TFT LCD module
- OLED module
- LED 7-segment module
- Vacuum Florescent Display (VFD)

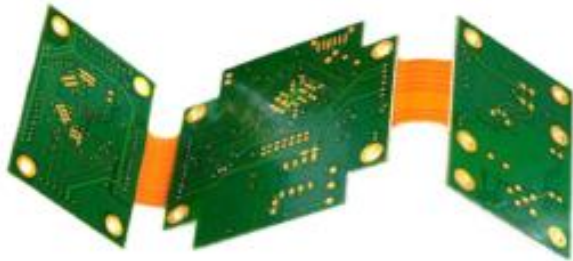


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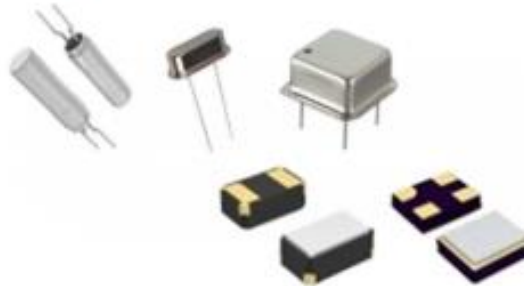
# Electronic Components

Board-level components

- Printed Circuit Boards (PCB & FPC)



- Crystals, Oscillators, Tuning Fork



- HVAC Capacitors



- LED, IR Receiver, IR Transmitter



- Switches  
*Tactile switches, Dip switches, Slide switches*



- Acoustics  
*Buzzer, Micro Speaker, Transducers*



## Embedded Modules / IoT Solutions

Tell us your Concept  
We Propose Solution

Innovate integration of computer system into instrument or add wireless embedded modules and wireless networking devices (Access point, Router, etc.)





# Thank you!

Jimmy Otani

Country Manager, Mexico

ARTRON AMERICA

Presa de la Angostura 23 Piso 1

Irrigación, Miguel Hidalgo, Mexico

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US Cell: +1 (713) 382-7297

[jimmyo@artronamerica.com](mailto:jimmyo@artronamerica.com)

[TOA ELECTRIC INDUSTRIAL CO., LTD. | artron  
\(toadenki.co.jp\)](#)



Realize your **Monodzukuri.**

**artron**