

TAIWAN

SMART VEHICLE SUPPLY CHAIN

MAP

the **SHORTEST DISTANCE**
between concept and reality



March, 2021
2nd Edition

To connect and collaborate with the enclosed Taiwanese renowned suppliers,
contact us now for meeting arrangements.

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TAITRA overseas offices : <https://reurl.cc/raQp7y>



PREFACE

While the world is in pursuit of a greener and cleaner living environment, the auto industry has undergone transformation. Inundated by the unstoppable trends of the development of electrified vehicles (EVs), the world ushers in the epoch of electrified motors that has come earlier and faster than expected. The car makers throughout the world have been expediting the shift from fuel and pistons to batteries and electrified mobility.

Over the past three decades, thanks to PCs and iPhones, Taiwan has gone through two big waves of industrial transformation. It is believed the third wave, which is taking place at present, is tied to the electrification of mobility.

Taiwan is the forerunner of the global IC industry and thus features cutting-edge technology. As the automotive electronics is forecasted to account for more than half of the total cost of a new car, it is convinced the benefits of the development will tilt toward Taiwan. Take for instance Foxconn, a prestigious pioneer in smart manufacturing. The company partnered with Hua-Chuang, Yulon Group affiliate, one of Taiwan's leading automakers, to roll out MIH, an open platform for EVs. Leveraging the MIH platform, car manufacturers are granted access to key technologies and tools for developing EVs with differing models such as sedans and SUVs. MIH is therefore expected to be dubbed as the "Android system of the EV industry."

The world is impressed by Taiwan's high caliber capability in producing automotive components. Taiwanese manufacturers have a strong pool of EV-related expertise on motor drives, energy storage systems, power modules, power control systems and other technologies. A significant number of Taiwanese manufacturers now supply EV parts and components to global car makers, which evidences that MIT has won international reputation and recognition.

On another front, Taiwan is incrementally on the track to reach the objective of zero emission transportation: in 2030, all the government vehicles and public buses will go electrified, meaning that 15,000 ICE buses will be replaced with electric ones ten years from now. This is therefore deemed the right moment for e-bus makers to cultivate their supply chains domestically and leverage their power of influence internationally.

Taiwan has been a preeminent and trustworthy partner in the global EV supply chain. It is a must Taiwan avails itself of this opportunity to sharpen and deepen its know-how in the EV industry.

TAITRA has spared no efforts in assisting Taiwan EV-related companies in establishing their presence around the globe. Taiwan Smart Vehicle Supply Chain Map is a treasure trove of the island's latest development in electrified mobility. The map incorporates three respective sections:

Taiwan EV Map pools the island's capability of making EVs, ranging from the assembling of vehicles to key components.

V2X & Autonomous Ecosystem Map presents Taiwan's state of the art technology amid the evolution of the auto industry.

MaaS Map ratchets up global awareness of Taiwan's seamless efforts in this area.

The publication of this map is in the best interest of EV-related enterprises at home and abroad. The upcoming 2035 e-Mobility Taiwan, a TAITRA-initiated event that will be slated to take place in October this year, will showcase the future of the e-mobility ecosystem and promote Taiwan's total solutions in e-mobility. I believe for those who wish to gain an edge in international competitiveness in the smart vehicle industry, and who look forward to cooperation with Taiwanese EV counterparts, there is much to relish in this map.

James C. F. Huang

Chairman of TAITRA

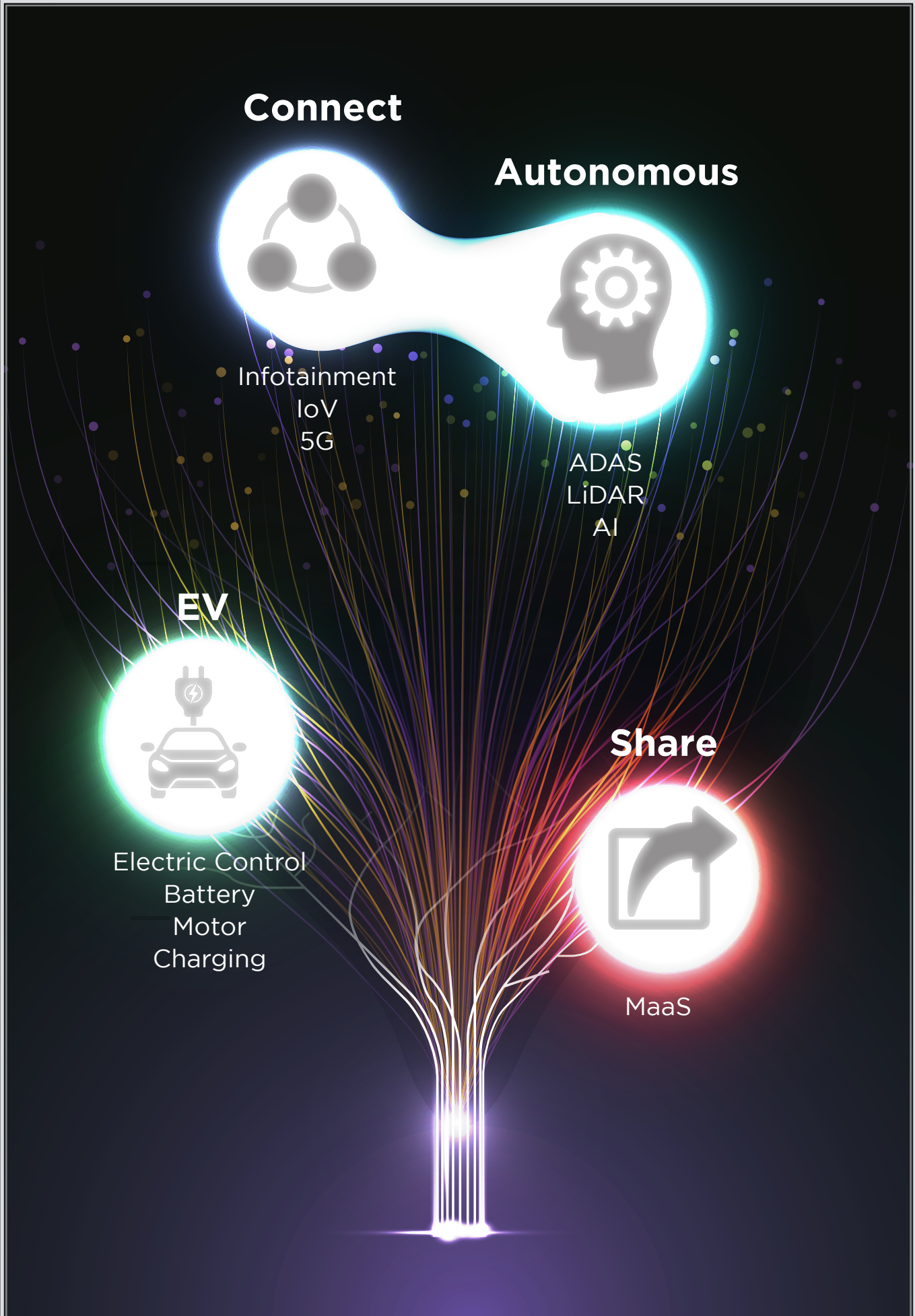


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Taiwan's Competitive Edge in Smart Vehicle Industry

Electric Vehicle Industry

Electric vehicle (EV) has become an ongoing and irreversible trend for the conversion of internal combustion engine (ICE) vehicles into electrified ones worldwide. Taiwan's automotive components and information and communication technology (ICT) industry are at a competitive edge internationally. Therefore, they have equipped this island nation with the following advantages to develop the EV industry.

First, Taiwanese manufacturers have expertise in EV-relevant motor drives, energy storage systems, power modules, power control systems, among others. For instance, RAC Electric Vehicles manufactured the first low-floor electric bus (e-bus) in Taiwan, equipped with its patented battery management system, powertrain system, electronic control system, and all-terrain transmission. Currently, more than 170 RAC e-buses are already in operation in Taiwan.

Second, Taiwan is the forerunner of the ICT industry and thus features cutting-edge technology. Many Taiwanese ICT enterprises have spearheaded initiatives in the electrification of mobility, for example, Delta Electronics and Foxconn, the two EMS pioneers in Taiwan. Delta's EV charging solutions have been adopted by prestigious car makers like Tesla and Volkswagen. Meanwhile, Foxconn has partnered with the Yulon Group in rolling out MIH, an open EV platform wherein collaboration among related companies will unfold.

Third, the Taiwanese government has thrown its weight behind the EV industry. The authorities promulgated the "Smart Electric Vehicle Industry Development Strategy and Action Plan" to demonstrate Taiwan's ambition to pursue zero-emission transportation.



▲ A staff of Delta is introducing its in-house Battery Management System (BMS) to James Huang, Chairman of TAIIRA.

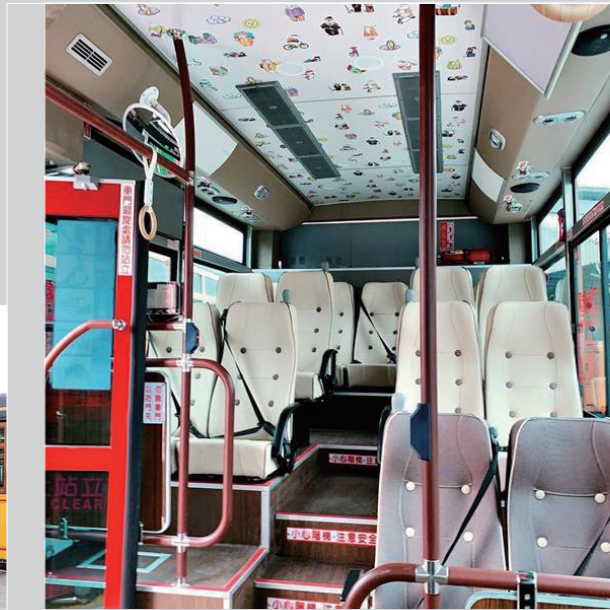


▲ Electric vehicle charging solution developed by Delta.

For example, Chiayi City is the first city in Taiwan to replace all the ICE buses with electrified fleets. The low-floor e-buses are all domestically manufactured by Master Transportation Bus Manufacturing, the leading e-bus maker on the island.



▲ Chiayi City debuted its electric buses, which are the first e-buses in Taiwan, in May 2020.



▲ All e-buses manufactured by Master use fireproof materials interiors and follow no steps, wide aisles, and low-floor design for a safer and more convenient boarding of passengers.

V2X and Autonomous Industry

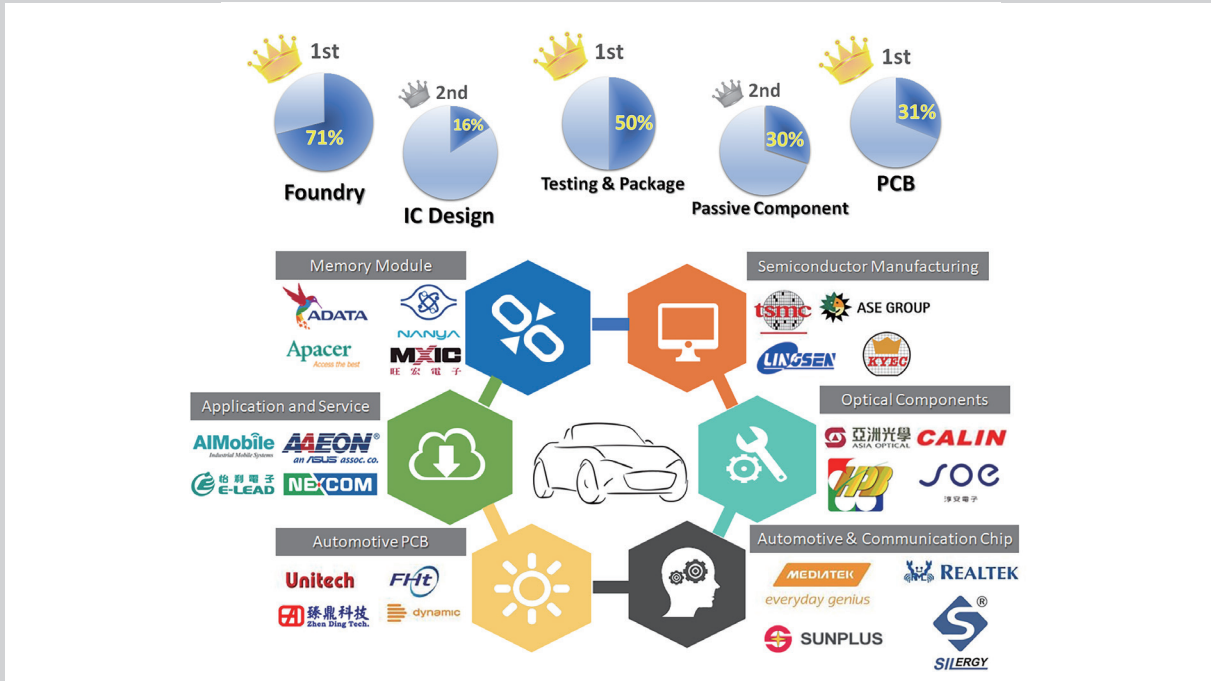
In the smart vehicle, the next step is the Internet of Vehicles (IoV), which will be closely connected to human life, especially in the 5G era. The new mobility landscape is much broader than the traditional automotive industry. It extends to tech players and other sectors, such as software and utilities. Taiwan has the potential to combine

leading ICT with automotive manufacturing to build a complete supply chain and ecosystem.

Taiwan is the world's largest producer of information technology hardware. It is also the world's leading producer of semiconductors, optoelectronics, information, and networking products. With significant advantages in technology and manufacturing,



▲ Advantech, one of the leaders of Internet of Things (IoT) intelligent systems and embedded platforms, devotes to ADAS and In-Vehicle AI that can give protection against the dangers of distracted driving.



Taiwan's ICT industry is one of the major driving forces in the global market.

Many notable Taiwanese companies, such as TSMC and MediaTek, are devoting research and development to future autonomous driving-related products. Simultaneously, the Automotive Research and Testing Center (ARTC) collaborated with many other Taiwanese companies to form the "Autonomous Driving Industry Alliance," offering several soft and hard technologies.

ICT industries have increasingly evolved in the development of future cars, like the skills of V2X and autonomous cars. Even in component, subsystem, and system companies, such as NVIDIA, Qualcomm, Samsung, LG Display, and Taiwan's Quanta, Foxconn, Pegatron, AUO, and other manufacturers, have become important suppliers for future cars.

MaaS Industry

Equipped with the preceding advantages in the entire development

in EV, V2X, and autonomous cars, Taiwan's ultimate goals are to optimize commuters' and travelers' user experiences, offer seamless multimodal mobility, and shape a sustainable transportation system in the future smart city.

In the development of MaaS, Taiwan possesses two key advantages. First, Taiwan is competent in ICT. One of the fundamental success factors for MaaS is data collection. The infrastructure and service providers can only offer highly responsive transport information to the public, such as roadway conditions and travel time projections, through a fast data-collection speed. Taiwan's long experience in ICT development and its excellent hardware-manufacturing capabilities give it a considerable edge in 5G and IoT development, which is an unparalleled advantage in the development of MaaS.

Second, the Taiwanese government puts much emphasis on the support of MaaS development. To be successful, any multimodal MaaS solution requires

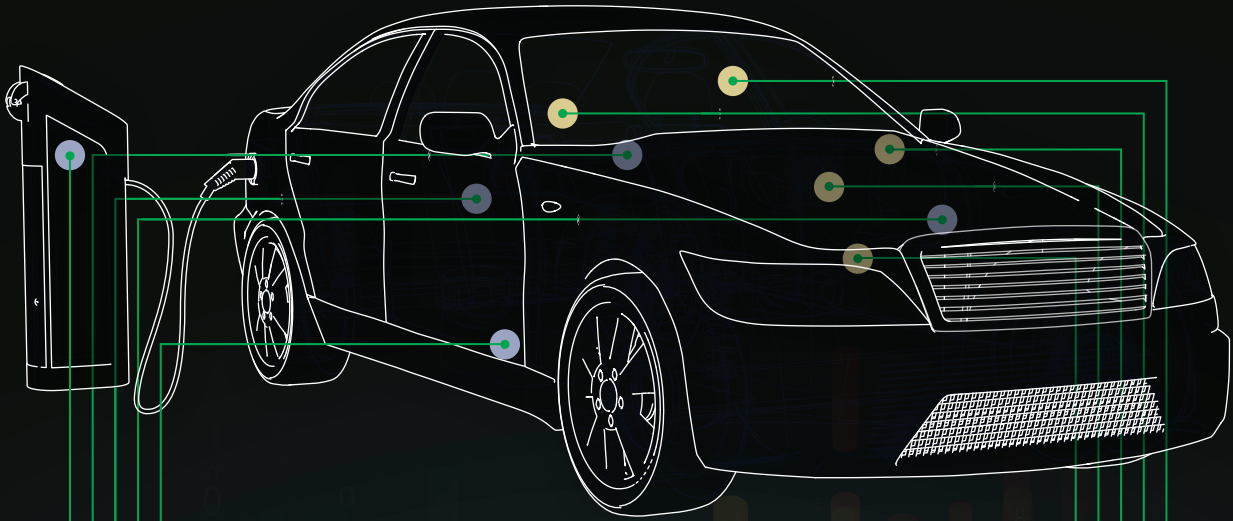
access to the public transit system's routes and real-time location data. Therefore, public transportation operators should open their API to developers and data providers. The Ministry of Transportation and Communications (MOTC), R.O.C., has put efforts into successfully integrating the relevant data into one platform.

In 2017, the MOTC in Taiwan initiated the "Intelligent Transportation System Development Project" to solve the problems of traffic safety, traffic congestion, and transportation inconvenience in remote areas. The three-year project yielded important results in the fields of MaaS, IoV (motors and autonomous cars), intelligent transportation management systems, integrated transport information services, and so on.

The Taiwanese MOTC's "Intelligent Transportation System Development Project" aims to improve the current MaaS ecosystem in Taipei and Kaohsiung from 2021 to 2024. For instance, it will expand service ranges through collaboration with additional transport, ticketing, payment, and vehicle suppliers; raise service quality; improve user experience; and most importantly, gain penetration through marketing.

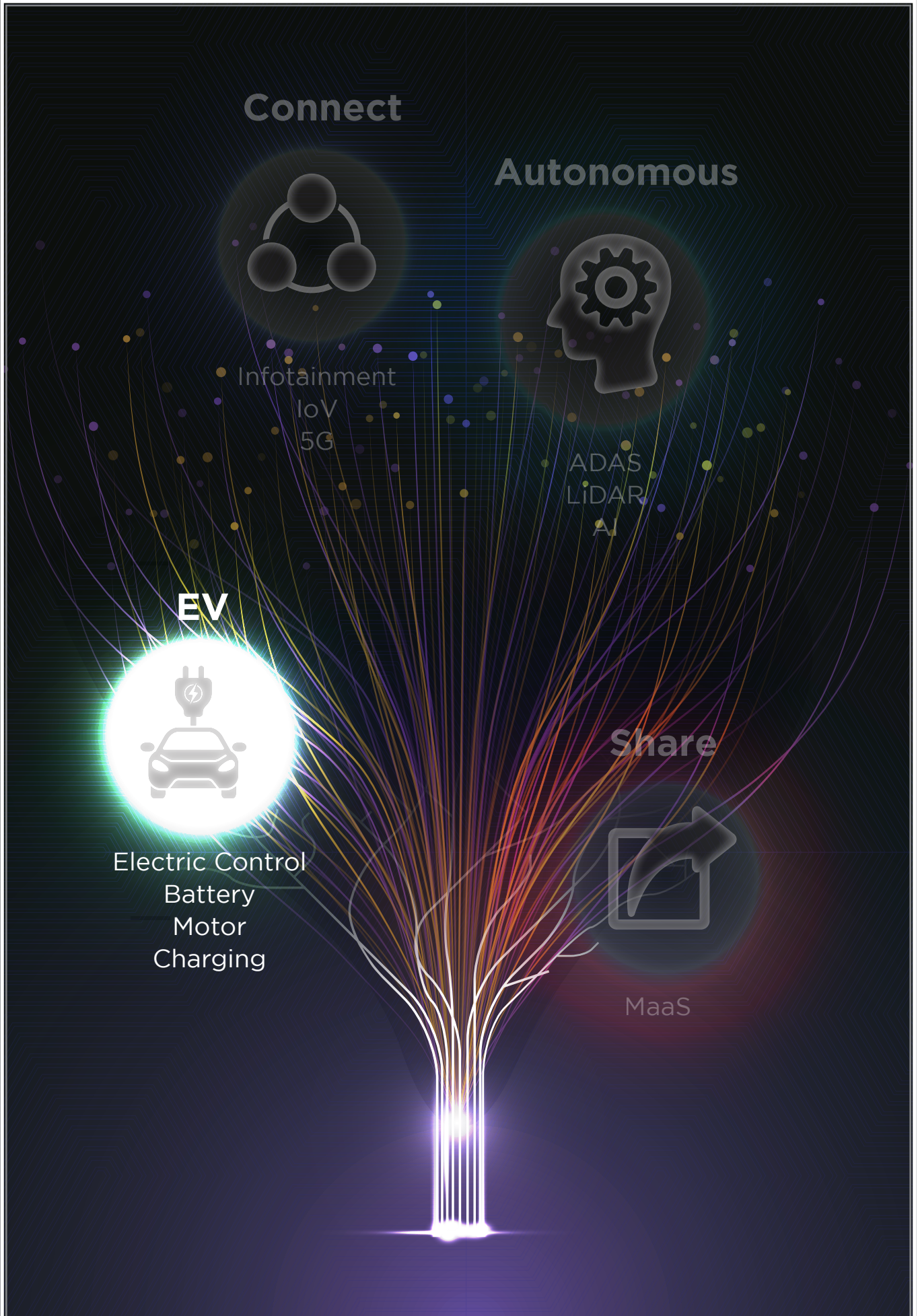
Overall, the role of ICT will be critical and influential. Taiwan has a complete supply chain and ecosystem that are important factors for cooperation between the world and Taiwan in the development of the smart vehicle industry. With Taiwanese quality products and competitive prices, Taiwan is a reliable partner to help create various products and services, and even help expand your global reach. For a further detailed introduction to Taiwanese suppliers in EV, V2X, and autonomous and MaaS sections, please refer to the following directories.

ELECTRIC VEHICLE STRUCTURES



- EV**
- A. Body Parts
- B. Battery
- C. Electric Control
- E. Charging System
- G. Motor

- V2X & Autonomous**
- D. Components
(Power, Passive,
Antenna, Optical)
- F. ADAS
- H. PCB
- I. Automotive Chip
- J. LCD & LED



Passenger Car

1

Foxtron Vehicle Technologies

鴻華先進科技股份有限公司

www.foxconn.com/en-us/

Foxtron, a joint venture between Foxconn and Yulong, established an Open EV Platform Alliance called MIH. This alliance provides hardware and software resources to develop autonomous driving, smart cockpit and power systems.

Intending to reduce cost and shorten lead time in EV development, the Alliance now has more than 700 partners, including AWS, CarOTA, DANA and EATON. The Platform provides (1) modularized and customizable systems, (2) unibody lightweight chassis, (3) stable electrical/electronic architecture (EEA) and (4) autonomous driving technology.

Passenger Car

2

Yulon Motor Co., Ltd.

裕隆汽車製造股份有限公司

www.yulon-motor.com.tw/en/

The largest Taiwanese automaker is known for building Nissan models under license and marketing the Luxgen car brand. In response to the market demand for EV, it provides services such as battery manufacturing, battery system testing and EV motor testing. Furthermore, Yulon has teamed up with Foxconn for the MIH Open Platform Alliance, a platform that would empower EV manufacturers and developers to flourish in the EV market.

Bus

1

eEasy Technology Co., Ltd.

鉦智新能源科技有限公司

www.evbus.com.tw

eEasy Tech. provides over 70 electric bus (12 meter) for local government and the bus (6 meter) for tourism transportation. Not only the buses, they also offer the total charging solution.

Cooperation: G-Bus

2

Bus

Kaison Green Energy Technology Co., Ltd. 凱勝綠能科技股份有限公司

www.tw-kget.com

Kaison has made up over 150 electric buses (12 meter) to 4 city bus service providers in Taiwan. The company was known as Taiwan BYD, who has the capacity to manufacture 650 e-buses annually.

3

Bus

Master Transportation Bus Manufacturing Ltd. 成運汽車製造股份有限公司

sincerebus.com.tw/ebus

Master Trans. is cooperating with the intercity public bus service provider, Kuo-Kuang, to transform the ICE bus to e-bus. It has the capacity of producing 700 buses annually.

Cooperation: Kuo-Kuang Motor

4

Bus

RAC Electric Vehicles Inc. 華德動能科技股份有限公司

www.racev.com/en

RAC has developed the competitive light (12 tons) and the fast (120 km/h) electric bus. RAC electric bus can also run for 400 km on greater than 30% slope. Nowadays, RAC cooperates with five local bus service providers with more than 174 RAC e-buses are in operation all over Taiwan.

Cooperation: Mobiletron

5

Tangeng Advanced Vehicles Co., Ltd.

唐榮車輛科技股份有限公司

www.tangeng.com

Tangeng builds its own electric bus brand SUNWIN Supplying local bus companies and university shuttle bus service providers. Its buses use their self-made batteries and charging station.

Cooperation: Volvo

6

Tong Ying Motor Co., Ltd.

總盈汽車股份有限公司

Tong Ying Motor is capable to make any size of bus from 6 -meter to 15-meter. The fast-charging electric buses they built can run 250 km with an only 15 minutes charging period.

7

Tron-e Energy Technology Corporation

創奕能源科技股份有限公司

en.tronetek.com

Tron-e produces the buses applying to the shuttle, goods transport and the intercity buses. Apart from its electric bus business, they also provide self-driving bus service in the capital city Taipei. Also, they have international cooperation experience with Piala Mas in Indonesia.

Cooperation: IMST/INKA

1

Truck

China Motor Corporation 中華汽車工業股份有限公司

www.cmc-motor.com

The company is the first Taiwanese car manufacturer that rolls out electric logistic vehicles (e-Veryca).

Cooperation: Daimler, Renault-Nissan-Mitsubishi

Certification: ISO 14001

2

Truck

Formosa Automobile Corpotation 台塑汽車股份有限公司

www2.fpg.com.tw

Formosa is one of Taiwan's leading commercial truck providers. It plans to roll out e-trucks, powered by its own batteries in two years, with two fleets of 6.5T and 12T.

Cooperation: DAF

3

Truck

Kuozui Motors, Ltd. 國瑞汽車股份有限公司

www.kuozui.com.tw/eng

It is the first Taiwanese car maker that rolls out HEV trucks (Hino Hybrid). The HEV offers three different fleets: 3.49T, 6.5T and 8.5T.

Cooperation: Hino

Certification: ISO 9001, ISO 45001, ISO 27001

4

Truck

Takken Comprehensive Industrial Co., Ltd. 達見綜合工業股份有限公司

www.takken.com.tw

Takken expands its e-truck business to the specialized industries assembling garbage trucks and street sweeping vehicles.

Certification: ISO 9001:2015

1

Two- and Three Wheeled

Aeon Motor Co., Ltd. 宏佳騰動力科技股份有限公司

www.aeonmotor.com.tw/eng/

Aeon, in cooperation with Gogoro Power Network, is the second largest e-scooter vendor in Taiwan in 2020. From Aeon's beginning as an all-terrain vehicle (ATV) manufacturer for Polaris, it has now secured its position as a major Taiwanese e-scooter brand with its Ai-1 and Ai-3 models.

Cooperation: PBGN alliance

Certification: ISO9001, QS9000

2

Two- and Three Wheeled

Ahamani Ev Technology Co., Ltd. 其易電動車科技股份有限公司

www.ahamani.com/

Ahamani provides e-scooter and e-scooter sharing service in southern Taiwan with the brand UrDa. Ahamani and Hero plan to manufacture 100,000 electric motorcycles in India. It also forging a joint venture with Renon to manufacture lithium-ion battery packs.

Cooperation: Hero Motor, Renon

3

Two- and Three Wheeled

China Motor Corporation (CMC)

中華汽車工業股份有限公司

www.greentrans.com.tw/

CMC's eMoving scooter brand provides the product from e-bike to iE125 motorcycle in the Taiwanese market.

iE125 is first quick charge e-scooter in Taiwan. Both SWAP and charging system can be applied.

Cooperation: PBGN alliance, Mitsubishi

Certification: TES certification, iF design awards

4

Two- and Three Wheeled

Gaius Automotive Inc.

蓋亞汽車股份有限公司

www.gaiusauto.com/EN

In response to the needs of the logistics industry, Gaius Automotive has created a electric three-wheel vehicle with a 200-kg payload. The three-wheel vehicle is designed to tilt into turns for optimal traction and balance even with a full load and thus makes cornering effortless and stable. The fleet management system will provide an up-to-the-minute location, route planning and diagnostic information about every vehicle in the fleet.

5

Two- and Three Wheeled

Gogoro Taiwan Limited

睿能創意股份有限公司

<https://www.gogoro.com/>

Gogoro is the largest e-scooter vendor in Taiwan. With battery-swapping station and scooter-sharing services, it has built an e-scooter ecosystem.

The Smartscooter's sensors collect information such as speed, battery level, consumption rate, system failures and scooter falls, which are presented to riders via Gogoro mobile apps.

Cooperation: PBGN alliance, Maxxis, Tier, Panasonic, Yamaha

6

Two- and Three Wheeled

Kuan Mei Technology 冠美科技股份有限公司

www.kuanmei.com.tw/en/index.html

Its first e-scooter KOLA was developed in 2012. Now it's sold in 20 countries, including Japan, North America, South Asia and Europe. It is capable of customized design for e-scooter.

Certification: ISO 9002, ISO 9001

7

Two- and Three Wheeled

Kwang Yang Motor Co, Ltd. (Kymco) 光陽工業股份有限公司

www.kymco.com

KYMCO is the largest scooter vendor in Taiwan. KYMCO not only provides a range of customizable electric scooters and electric bikes, but also established its battery-swapping and charging system, iONEX, which is a smart charging solutions.

KYMCO supply e-scooters to the biggest scooter-sharing service provider, WeMo, in Taiwan.

Cooperation: Grab Wheels

Certification: ISO 9001, ISO/IEC 17025, TPM 特別賞

8

Two- and Three Wheeled

Motive Power Industry Co., Ltd. (PGO) 摩特動力工業股份有限公司

eq.pgo.com.tw

Ur1 is PGO first e-scooter in Taiwan. It equipped with high-performance water-cooling motors and rigidity frame structure to bring pleasure riding experience. Ur1 use SWAP system.

Certification: ISO-9001

9

Two- and Three Wheeled

Sanyang Motor Co., Ltd. (SYM) 三陽工業股份有限公司

www.sym-global.com/

One of the major motorcycle and scooter producer in the Asia, with production bases in Taiwan, China and Vietnam, selling to 90 countries. It developed e-Woo electric scooter, using its own charging system

1

Battery Cell

Amita Technologies Inc. 有量科技股份有限公司

www.amitatech.com/

The company is one of the leading lithium-ion/polymer battery manufacturers in Taiwan. Its polymer cells have low impedance, high current, and long life cycle. Moreover, it is safe even in the event of overuse. The batteries are used in data center, UPS units, power banks, power tools, EVs, and energy storage systems for household appliances, commercial and industrial facilities, and smart grids.

Certification: UL 1642, ISO 9001:2000, SO/TS 16949:2009

2

Battery Cell

Chang Hong Energy Technology Co., Ltd. 長泓能源科技股份有限公司

www.ch-battery.com.tw/en/

Chang Hong is the largest professional manufacturer of lithium-iron phosphate oxide (LFPO) cells in Taiwan. Applying patented LFPO cathode material from Formosa Lithium Iron Oxide Corp., Chang Hong's LFPO cell is superior to the non-iron-based lithium-ion battery in terms of safety and heat tolerance. Furthermore, LFPO cell has an advantage over LiFePO₄ (LFP) in environmental concern, the ease of mixing, and cost. -based lithium-ion battery in safety and heat tolerance. Furthermore, LFPO cell has an advantage over LiFePO₄ (LFP) in environmental concern, the ease of mixing and cost.

Certification: ISO 9001, UL1642, IECQ QC080000

3

Battery Cell

C-Life Technologies, Inc. 長利科技股份有限公司

www.clifetech.com/index.php?lang=en

Its LiFePo4 (LFP) cell features lower impedance, little rise in temperature, and wide operating temperature range.

Certification: IEC62133, UL1642, UN38.3, RoHS

4

Battery Cell

CSB Energy Technology Co., Ltd. 希世比能源科技股份有限公司

www.csb-battery.com

It is one of the top three suppliers of small Valve Regulated Lead Acid (VRLA) batteries, which are applied to EVs. The batteries are rechargeable, highly efficient, leak-proof and maintenance-free.

Certification: ISO, UL

5

Battery Cell

Dijiya Energy Saving Technology Inc. 迪吉亞節能科技股份有限公司

www.dijiya.com.tw

Dijiya is an energy storage products company that builds its own battery cells using the stable and cobalt-free lithium ferro phosphate (LiFePo4) chemistry. Across the industry, this chemistry is chosen for its stability because it is not prone to thermal runaway unlike the more traditional lithium-ion chemistry.

Certification: ISO 9001, UL

6

Battery Cell

E-One Moli Energy Corp. 能元科技股份有限公司

www.molicel.com

MOLICEL is the largest Li-ion battery (NCA) manufacturer in Taiwan. On top of its single cell's high capacity, MOLICEL's power cells further present more than 10C discharge rate that gives high-end sports car and racing car excellent performance on extreme power output in a short time.

Cooperation: Dyson, BMW Mini E

Certification: ISO 9001:2015, ISO 14001:2015

7

Battery Cell

GS Battery Taiwan Co., Ltd. 台灣杰士電池工業股份有限公司

www.gs-battery.com.tw/en/

GS is one of the leading lead-acid battery manufacturers in Taiwan. This company has a competitive advantage because of its high quality, meticulous cost control, and efficient delivery.

Cooperation: GS Yuasa, Kymco

Certification: ISO 9001, TS16949, ISO14001

8

Battery Cell

Kung Long Batteries Industrial Co., Ltd. 廣隆光電科技股份有限公司

www.klb.com.tw/en/Applications/EVP

Lead-acid batteries are specifically designed with outstanding discharge performance, vibration resistance, and non-spillability.

Certification: ISO9001, TL9000, ISO14001, ISO17025, ISO45001, UL, VdS

9

Battery Cell

LanYang Energy Technology Co., Ltd. 蘭陽能源科技股份有限公司

www.lynopower.com/

This company has the most advanced technology to manufacture LFP battery cells, assemble the battery modules, and integrate the battery module application.

Certification: ISO 9001, UL

10

Battery Cell

LICO Technology Corporation 鋰科科技股份有限公司

www.licotech.com/

LICO manufactures a range of lithium polymer cells, modules and battery packs for use in EVs. The cell capacities range from 10Ah to 40Ah, and the standard pack sizes are 13kWh and 25kWh. LICO uses its own large format, high-density lithium polymer cells to ensure the best quality and faster delivery.

11

Battery Cell

Phoenix Battery Corporation 昇陽電池股份有限公司

www.phoenixbattery.com.tw

It is a leading manufacturer of LiFePO₄ (LFP) batteries in Taiwan, producing 100% Taiwan-made LFP cells and battery modules. The batteries have been exported to Japan, the USA, Europe, and Asia.

Certification: 40155LF/20AH UN38.3, IEC 62133, UL 1642

12

Battery Cell

Pihsiang Energy Technology Co., Ltd. 必翔電能高科技股份有限公司

www.phet.com.tw/en/

The company focuses on the manufacturing of C-LiFePO₄ (LFP) battery cells and packs. Its LFP batteries are generally known as the most outstanding and safest eco-friendly energy storage battery, suitable for new power and energy storage markets.

Certification: ISO 9001, SGS, UL

13

Battery Cell

Prologium Technology Co., Ltd. 輝能科技股份有限公司

www.prologium.com

ProLogium has developed a brand new packaging approach for high security, heat-dissipating capability, and mechanism characteristics of the solid-state battery. Moreover, it created the MAB (Multi-Axis Bipolar Pack) technology. It is the only Taiwanese company that develops solid-state lithium ceramic battery, which is considered highly likely to substitute for liquid lithium-ion battery.

Cooperation: Nio, Enovate, Aways

Certification: IEC62133, ROHS, OPSE, UL1642, ISO14001, ISO9001

14

Battery Cell

SYNergy ScienTech Corp. 興能高科技股份有限公司

www.synst.com.tw/en/

Using the government funds, SYNergy has developed the Advanced Hybrid Battery (AHB). The AHB technology combines the merits of the electrode technology of traditional Li-ion batteries and the assembly technology of the traditional Li-polymer batteries. Moreover, this cutting-edge technology avoids the weakness of the two batteries in production and performance. In addition, AHB's proprietary know-how in the electrolytes, interface adhesion technology, and the formation and process technologies makes it outstanding and unique.

AHB has the following advantages:

1. No electrolyte leakage
2. Thinner and flexible design
3. Light weight and low cost

Certification: ISO 9001, ISO14001, UL-1642

15

Battery Cell

Taiwan Yuasa Battery Co., Ltd. 臺灣湯淺電池

www.yuasa.com.tw/index.php?lang=en

Taiwan Yuasa specializes in Valve Regulated Lead-Acid (VRLA) batteries, which have a long lifespan, ultra-stabilized re-/dis-charge, electrolyte spill prevention, and maintenance-free mechanism. It has developed its own battery brand Toplite, which is exported mainly to Europe, South America, and Vietnam.

Cooperation: Kuozui, SANYANG, MOTOR, Yamaha, CMC

Certification: ISO 9001, NMETRO, UL

1

Battery Module

C-Tech United Corporation 西勝國際股份有限公司

www.c-techone.com

C-Tech offers light electric transportation vehicle (LEV) product with high energy density, light weight and small size features of lithium batteries. As a well-known lithium battery module designer and manufacturing company in Taiwan, it invested in Taiwanese electric motorcycle vendor Ottobike, supplying battery module solution in 2021.

Cooperation: LG, HP, Dell and Acer

Certification: ISO 9001, IECQ QC 080000, QP47 C-TECH HSF

2

Battery Module

Darfon Electronics Co., Ltd. 達方電子股份有限公司

www.darfon.com.tw/

Darfon delivers flexible and safe designs for high-voltage, high-series, modularized technology, and customized BMS hardware and firmware designs that fulfill various product applications, from e-bike batteries to high-voltage automobile batteries.

3

Battery Module

Digi-Triumph Technology Inc. 創揚科技股份有限公司

www.digi-triumph.com/index.php?route=common/home

It offers Li-ion battery module suited for 36V-based e-bike. It is the professional supplier and solution provider of Li-ion battery energy storage system.

Cooperation: BYD

Certification: TUV, CE, UL

4

Battery Module

Dynapack International Technology Corporation 順達科技股份有限公司

www.dynapack.com.tw

The battery mechanical design of Dynapack can easily be embedded in down-tube, rear-carrier and seat-tube e-bike systems based on optimized customization.

Cooperation: Giant, Merida

Certification: SGS ISO9001:2015

5

Battery Module

Foxlink Automotive Technology Co., Ltd. 富士能科技股份有限公司

www.foxlink.com/web/en/

Foxlink Automotive has been specializing in various automotive electronic products. They manufacture automotive electronics parts, automotive air-conditioning electronic sensors, navigation systems OEM/ODM, and Lithium-ion battery solutions for electric vehicles (EV) and hybrid electric vehicles (HEV).

Certification: ISO 14001, ISO 9001, ISO 9002

6

Battery Module

Gus Technology Co., Ltd. 格斯科技股份有限公司

www.gustech.com/home_en.html

Gus offers the battery module for EVs with safety features such as anti-explosion, high-temperature resistance, and deformation resistance.

Certification: BSMI, IEC6233, ISO9001

7

Battery Module

GWA Energy, Inc. 統量電能股份有限公司

www.gwaenergy.com

GWA Energy announced a dual-battery eBike turn-key solution called "Easi-MBO" offering 720 Wh capacity in 2012, which is the largest power source in the Pedelec industry.

8

Battery Module

J.S Power Co., Ltd. 喬信電子股份有限公司

www.jspower.com.tw

J.S Power is a professional factory for Lithium-ion batteries that manufactures both battery cells and packs. Its ODM battery packs are compatible with e-scooters, e-bikes, high-end power tools and so on.

Certification: ISO 9001:2000, CSA, UL

9

Battery Module

Life Resources Inc. 瑞能科技股份有限公司

www.lifetechinc.com/

It developed a patented high-power lithium iron phosphate battery modules, which won the gold medal in honor of the 2009 Nuremberg.

10

Battery Module

Masterhold Int'l Co., Ltd. 非凡能源科技股份有限公司

<http://www.masterhold.com.tw/>

Masterhold has mainly developed lithium-ion phosphate (LFP) ignition battery packs for bicycles, motorcycles, cars, AGVs, and golf carts. It is developing LFP technology applied in the electric buses market.

11

Battery Module

Mobile Energy Technology Co., Ltd. 維洋科技

www.metco.com.tw

METCO manufactured BMS, battery packs, and chargers applied to a variety of fields such as electric mobility, industry and medical devices. It is an experienced OEM and ODM total energy solutions provider.

Cooperation: Panasonic, Sony, MoliCell, A123

Certification: ISO 9001:2015, ISO 14001:2015

12

Battery Module

Mobiletron Electronics Co.,Ltd.**車王電子股份有限公司**www.more.com.tw/

Mobiletron has developed active balancing Battery Management System(BMS),Power Distribution Unit(PDU), and battery module for EV. It has been devoted to automotive electronics specialized in the charging systems, ignition systems and sensors of engine management.

Cooperation: Rac**Certification:** IATF16949, ISO9001, ISO14001, OHSAS18001

13

Battery Module

Simplo Technology Co., Ltd.**新普科技股份有限公司**www.simplo.com.tw

Simplo is an efficacy solution provider for E-bike. As the top ranked notebook battery module global manufacturing supplier, it has worked with renowned customers in electronic industry, such as ACER, Volkswagen, Inventec, Quanta, DELL, HP, APPLE, and LG.

Cooperation: Kymco, SYM, Yamaha, Honda, Giant, Merida, Shimano**Certification:** ISO 9001, ISO 14001, OHSAS 18001, ISO45001, ISO 13485

14

Battery Module

STL Technology Co., Ltd.**新盛力科技股份有限公司**www.stl-tech.com

STL offers a comprehensive and highly customized lithium-ion management solutions from lithium-ion battery certification, mechanism and circuit design and manufacture and shipment of battery packs.

Certification: QC 080000, IATF 16949, ISO 13485, ISO 14001, ISO 9001, ISO 45001

15

Battery Module

Taimatsu Tech. Co., Ltd.

台松科技股份有限公司

www.taimatsu.com.tw

Taimatsu Tech supplied lithium battery packs and carbon rods for dry batteries. Its products include carbon electrodes, gouging carbons, and car batteries. It established a joint venture with Panasonic Corporation.

Cooperation: Panasonic

Certification: ISO 14001

16

Battery Module

TD Hitech Energy Inc.

統達能源股份有限公司

www.htenergy.com.tw/en/

TD HiTech's battery pack design increases the compatibility and completeness of the entire electronic control system, which ensures the transmission of electricity and information from the battery to the motor and the motor controller. It is specialized in high power battery module applied in e-bike.

Certification: ISO 9001, ISO 14001, ISO17025, IEC 62133, ISO 13849-1 (TÜV)

17

Battery Module

Welltech Energy Inc.

達振能源股份有限公司

www.wtenergy.com.tw

Welltech is specialized in battery pack for two-wheeled EV, including single-cell and multi-cell OEM/ODM design and manufacture.

Cooperation: Samsung SDI, NEC-Tokin

18

Battery Module

XING Mobility 行競科技股份有限公司

www.xingmobility.com/

XING Mobility's patented Immersion Cooling Technology submerges battery cells and all high-voltage components, achieving direct contact-cooling capabilities by offering nearly 100% cell-to-coolant contact. Therefore, it delivers superior heat transfer performance and pack temperature uniformity. Moreover, they built the first Taiwanese e-supercar named Miss R, which can run from 0 to 100 km/h in 2.5 seconds.

Certification: ISO11452, EN61000

1

Battery Material

Advanced Lithium Electrochemistry Co., Ltd.

台灣立凱電能科技股份有限公司

www.aleees.com

Aleees is one of the few patent-protected companies worldwide that could provide high quality and long life cycle lithium-ion battery cathode materials. Aleees's products have obtained low-temperature discharge certification, which is specially requested by the European and American customers. The company's LFP products were supplied to well-known European automotive manufacturers in 2019 and had officially entered the automotive supply chain in Europe.

Certification: ISO 9001:2000, ISO14001:2004, ISO 9001:2008, ISO14064-1:2006, OHSAS 18001:2007, ISO/IEC 17025:2005, AA1000 AS2008, ISO/TS16949:2009, ISO 50001:2011

2

Battery Material

BenQ Materials Corporation 明基材料股份有限公司

www.benqmaterials.com/index.php

BenQ Material is a leading supplier of materials and thin-film technologies around the globe. With its core extrusion, materials, stretching, and roll-to-roll technologies, it provides high-safety separator solutions to customers. BenQ Materials' separators have high tensile strength, high-temperature tolerance, and excellent electrolyte absorption and retention, which can be applied to EV batteries.

Certification: IATF 16949:2016

3

Battery Material

C.S. Aluminium Corporation 中鋼鋁業股份有限公司

www.csalu.com.tw/en/index.html

CSAC is the only provider of aluminum foil, the cathode material for Li-ion batteries, in Taiwan. Owing to the fast development of EV industry, the demand for EV-related Li-ion batteries has seen unprecedented growth. Thus, CSAC has invested more in developing anodic current collectors.

4

Battery Material

Cayman Engley Industrial Co., Ltd. 開曼英利工業股份有限公司

www.engley.com/english/index.html

This company is one of the leading automotive parts manufacturers in the world. It supplies non-metallic product, EV battery upper shell, to FAW-Volkswagen and Volvo.

Cooperation: FAW-Volkswagen, Volvo

Certification: ISO/TS16949, ISO 14001, BSOHSAS 18001

5

Battery Material

Chang Chun Petrochemical Co., Ltd. 長春石油化學股份有限公司

www.ccp.com.tw/ccpweb.nsf/homepageEN?openagent

Chang Chun is one of the two companies (the other is the South Korea-based LSMtron) in the world that can meet Tesla's requirement to produce copper foil for lithium-ion batteries. The global market share of Chang Chun's copper foil, specifically used for EV Li-ion battery, accounts for approximately 30 percent. Six out of ten Teslas use Chang Chun's copper foil.

Cooperation: Tesla, CATL, Panasonic, Murata Manufacturing, TSMC, Gogoro

Certification: ISO 9000, IATF 16949, ISO 14000, ISO 45001, ISO 50000

6

Battery Material

China Steel Chemical Corporation 中鋼碳素化學股份有限公司

www.csc.com.tw/en/index.htm

CSCC's mesophase pitch powder, featuring high power discharge efficiency, high bulk density, high conductivity, and recycling material life expectancy, is the key anode material for manufacturing lithium-ion batteries of EVs.

Certification: OHSAS 18001, ISO 50001, CNLA, Laboratory, Accreditation, ISO/TS 16949

7

Battery Material

CoreMax Corporation 康普材料科技股份有限公司

www.coremaxcorp.com/en/

It provides key components such as nickel sulphate and cobalt sulphate, which are used as cathode material for manufacturing rechargeable lithium-ion batteries.

Certification: ISO 14000, ISO 9002

8

Battery Material

CPC Corporation, Taiwan 台灣中油股份有限公司

en.cpc.com.tw

It is the only Taiwanese company that manufactures lithium titanate, an anode material used in lithium-ion batteries.

9

Battery Material

Foresight Energy Technologies Co., Ltd. 前瞻能源科技股份有限公司

www.fetec.com.tw/en/index.php

Foresight has developed and produced multi-functional dry separators with high yield, high stability and high environmental resistance on lithium-ion batteries.

Certification: ISO 9001:2015

10

Battery Material

Formosa Lithium Iron Oxide Corporation 台塑鋰鐵材料科技股份有限公司

www.femtc.com.tw/en/abt_01.asp

FLIP develops and manufactures Lithium iron phosphorous oxide (LFPO), which is the latest material of battery cathode with the following advantages: small size, high life cycle, no pollution, high C-rate, high capacity, and high safety. Its production capacity is 400 tons per month.

Certification: ISO 9001:2008, USPTO 7494744

11

Battery Material

Formosa Petrochemical Corporation 台塑石化股份有限公司

www.fpcc.com.tw/en

The Formosa group is one of the largest petrochemical manufacturers in the world. This company produces electrolyte, which plays a critical role in lithium-ion transmission.

12

Battery Material

GET Green Energy Corp., Ltd.**光宇材料股份有限公司**www.get-greenenergy.com/?hl=zh-tw

This company develops NTT Powder, a mixture of modified silicon powder and a special binder that can be used in anode materials in Li-ion batteries. NTT Powder can not only significantly increase the power storage capacity of anode materials but also solve the problem of irreversible capacitance during the charge/discharge cycles.

Certification: ISO/TS 14067:2013

13

Battery Material

HCM Co., Ltd.**泓辰材料股份有限公司**<http://www.hcmaterial.com.tw/index>

HCM received technology transfer from Taiwan's Industrial Technology Research Institute (ITRI) in 2009 to develop cathode materials for lithium-ion batteries. It is the only company in Taiwan with equipment development capabilities in the cathode materials. Moreover, it has become the first company in the world to put LMFP into mass production.

14

Battery Material

Long Time Tech. Co., Ltd.**榮炭科技股份有限公司**www.lttech.com.tw/

Long Time specializes in developing and manufacturing natural, artificial, and composite graphites, artificial graphite sheet (AGS), and lithium-ion battery anode materials. Foxconn, a prestigious pioneer in smart manufacturing, plans to roll out the self-developed solid-state battery in 2024. Long Time, Foxconn's subsidiary, is therefore charged with developing anode materials.

Cooperation: Nissan-Leaf

Certification: ISO 9001-2008, ISO 14001, OHSAS 18001, IATF 16949:2016

15

Battery Material

Mechema Chemicals International Corp.

美琪瑪國際股份有限公司

www.mechema.com/

Mechema Toda Corporation, the company's subsidiary, is charged with manufacturing LiCoO₂, LiNiO₂, and LiMn₂O₄, the cathode materials for Li-ion batteries. Lithium-ion batteries currently being used in electric cars are expected to degrade by 2025 and would need to be replaced. Hence, Mechema is developing technologies to recover cobalt and nickel from used batteries and recycle those materials back into the battery supply chain.

Cooperation: Panasonic, Tesla

Certification: ISO 9001, ISO 14000

16

Battery Material

Nan Ya Plastics Corporation

南亞塑膠工業股份有限公司

www.npc.com.tw/j2npc/enus/home

Nan Ya Plastics is ranked second in the world (second only to Chang Chung Petrochemical) in providing copper foil. Its annual production capacity of Li-ion battery copper foil is around 11,000 tons, compared with 48,000 tons by Chang Chun Plastics.

17

Battery Material

Taiwan Hopax Chemicals Mfg. Co., Ltd.

聚和國際股份有限公司

www.hopax.com/en

It develops an electrolyte additive that improves battery performance, life cycle, and safety.

Certification: ISO 9001

18

Battery Material

Tak Technology Co., Ltd. 鐵研科技股份有限公司

www.takferrite.com/taken/index.php

Tak officially set up the first cathode-manufacturing base in Taiwan, having achieved the world's first mass-production on $\text{LiNi}_x\text{Co}_{1-x}\text{O}_2$ cathode powder. It supplied to several battery cell manufacturers in both mainland China and Taiwan.

Certification: ISO 9001

19

Battery Material

Tatung Fine Chemicals Co. 尚志精密化學股份有限公司

www.twtfc.com/index.php

TFC, Tatung's affiliate, has developed and manufactured lithium iron phosphate, a potential cathode material for high power lithium-ion batteries. The material has been supplied to the top five power battery companies in China.

1

Battery Management Systems

Chroma ATE Inc. 致茂電子股份有限公司

www.chromaate.com

Chroma's Automated Test System (ATS) provides battery cell voltage and temperature sensor simulation for battery management system (BMS) to ensure normal, safe, and stable BMS functions.

Certification: ISO 9001, ISO 13485, ISO 14001

2

Battery Management Systems

Delta Electronics, Inc. 台達電子工業股份有限公司

www.deltaww.com

Delta's in-house Battery Management System (BMS) enables intelligent module management to monitor voltage and temperature at the cell level. In addition, its built-in protection switches, host control systems, the display of battery state of charge (SOC), and estimation of battery state of health (SOH) allow users to achieve optimum productivity and operating efficiency. Moreover, these features protect the battery against abnormal conditions, such as over-temperature, over-charging, and over-discharging.

Cooperation: Tesla

Certification: Its performance has been proven in Japan, UK, EU, China and the USA for the applications of renewable energy storage system of wind power and solar, DC backup power, electric buses, etc.

3

Battery Management Systems

Han-Win Technology Co., Ltd. 漢穎科技股份有限公司

www.hwtco.com/index.php?lang=en

Han-Win's in-house INNO-SAFETY BMS has the following three features:

1. The soft-start function decreases the inrush current.
2. The system can detect short-circuit condition in advance and stop providing power output during power-up.
3. Extra low power consumption design and intelligent power saving function can prolong battery storage time.

4

Battery Management Systems

LITE-ON Technology Corporation 光寶科技股份有限公司

www.liteon.com/en-us

Lite-On Clean Energy, one of the group's affiliates and an EV power system and stationary storage system integration company, has built a first high-power commercial sightseeing solar-electric boat in Asia, incorporating solar panels, lithium-ion battery packs, dual 25KW motors, battery management systems, charger, DC/DC converter, computerized central control panel, and LED lighting. The group possesses various key technologies and patents related to battery management systems.

Certification: ISO 26262

5

Battery Management Systems

T-Global Technology

高柏科技有限公司

<https://www.tglobalcorp.com/>

T-Global provides comprehensive thermal products and services. They provide solutions for EV battery, infotainment and charging stations.

Cooperation: Tesla

Certification: ISO9001, ISO14001, IECQ

1

Motor Component

Goodway Machine Corp.

程泰機械股份有限公司

www.goodwaycnc.com/exhtml_goodway/goodway_en/index.htm

Goodway is one of the largest and most advanced manufacturers in Taiwan that specializes in the development and manufacturing of CNC turning machines. It offers gear machining parts for EV.

Cooperation: Tesla

Certification: ISO 9001, ISO14001

2

Motor Component

Hota Industrial Manufacturing

Co., Ltd.

和大工業股份有限公司

www.hota.com.tw/en/

HOTA possess accurate gears manufacturing and surface finish quality for EV applications, thereby reaching higher rotational speeds and operating more quietly. The company achieves +/-4 microns tolerance on the gear profiles.

Cooperation: Tesla

Certification: ISO 14001

3

Motor Component

I Hsin Machine Co., Ltd.

億新精機廠股份有限公司

www.ihsin.com.tw/E-index.html

It eagerly developed motor core for EV and IE3 high efficient industrial motor core. Based on leading quality and experienced techniques, it is one of the largest stamping companies in Taiwan.

Certification: ISO9001, IATF16949

4

Motor Component

Rich Electric Co., Ltd.

利佳興業股份有限公司

www.richelectric.com.tw

Rich Electric has specialized in manufacturing AC motor speed controllers and AC drives. From the smallest power rating of 200W up to the cabinet design 900kw, they are all well designed and made for different motor applications.

Certification: ISO9001, CE, C-tick

5

Motor Component

Solpower Machine Electronic Corp.

晟昌機電股份有限公司

www.solpowermotor.com/

It is specialized in EV(bus/scooter) motor, with excellent weatherproof, ingress protection rating IP65 and customized design and verification.

Certification: ISO9001, CE, CUL

6

Motor Component

World Wild Enterprise Co., Ltd. 世野交通器材股份有限公司

www.worldwild.com.tw

They supply gear and gear box for E-scooter. Their main items are autoparts such as camshafts, crankshafts, shift forks, shift drums, valve rocker arms, main shafts, and so on.

Certification: ISO 9001

7

Motor Component

Adata Technology Co., Ltd. 威剛科技股份有限公司

www.adata.com.tw

ADATA developed robotics and electric powertrain systems such as axial flux motor, air-cooled motor, liquid-cooled motor and motor controller applied in High Performance Vehicle, two and four-wheels. Their products have garnered international acclaim and awards including iF Design, Red Dot Design, CES Innovation, Good Design, COMPUTEX Best Choice, and Taiwan Excellence.

Cooperation: Intel, Toshiba

Certification: IATF 16949, ISO 9001

8

Motor Component

Global Pmx Co., Ltd. 智伸科技股份有限公司

www.global.com.tw

Global Pmx has continually developed key components for EV, including Dual-Clutch Transmission and Gasoline Direct Injection system.

Cooperation: Tesla, Bosch, Continental, AISIN

Certification: ISO 9000, TS16949

9

Motor Component

Kian Shen Corporation 江申工業股份有限公司

www.kian-shen.com/en/index.php

Kian Shen is major manufacturer supplying local electric bus frame in Taiwan. It supplies transmission shaft for Tesla as well.

Cooperation: Tesla

Certification: ISO 14001, ISO 9002, QS 9000

1

Motor Material

China Steel Corporation 中國鋼鐵股份有限公司

www.csc.com.tw

CSC offers high grade electromagnetic steel sheet for EV motor that requires higher strength, magnetic flux, and lower iron loss through continuous precision and technological breakthrough.

Cooperation: Tesla, BMW, Volkswagen

2

Motor Material

Chun Yuan Steel Industry Co., Ltd. 春源鋼鐵工業股份有限公司

www.cysco.com.tw/

Chun Yuan produces rotor laminated silicon steel for the various motors for electric machinery, industrial, generators, fans..., etc. It is a professional metal solution provider.

Certification: ISO 9001. ISO9002

3

Motor Material

Geor Chi Developments Co., Ltd. 喬智開發股份有限公司

www.georchi.com.tw/index.htm

Geor Chi is specialized in the manufacturing of magnetic materials. It is the world's top three magnetic materials manufacturers.

4

Motor Material

Pacific Electric Wire And Cable Co., Ltd. 太平洋電線電纜股份有限公司

www.pewc.com.tw/en/index.php

It offers enamelled copper wire for inver-fed driven motors with superior insulation life.

Certification: BASEC, ISO9001, ISO14001, ISO45001

5

Motor Material

Ta Yea Steel Industry Co., Ltd. 大亞鋼鐵工業股份有限公司

www.tayea.com.tw/index_en.htm

Ta Yea has focused on standard transformer EI shape electrical steel sheet making and provided custom tooling design and making.

6

Motor Material

Tai-I Electric Wire & Cable Co., Ltd.

台一國際股份有限公司

www.tai-i-int.com.tw

It manufactured the shaped copper, which is the key part for the EV motor with excellent windability and durability.

Certification: ISO9001, ISO14001, TS16949 and QC080000

1

Motor Module

Delta Electronics, Inc.

台達電子工業股份有限公司

www.deltaww.com

Delta is dedicated to developing BLDC motor products for applications that require highest stable quality and consistent performance.

Cooperation: Tesla

2

Motor Module

EVT Technology Co., Ltd.

易維特科技股份有限公司

www.evt.com.tw

EVT pioneered the "Direct Driven Hub Motor" and "PWM" intelligent system controller applied in electric scooter with more efficiency and less energy consumption.

Certification: EU, EEC, DOT, CMVSS, ADR

3

Motor Module

Fine Blanking & Tool Co., Ltd.

至興精機股份有限公司

www.fineblanking.com.tw

As the largest automotive metal stamping and motorcycle disc brake manufacturer in Taiwan, it offers high precision blanking gear for EV.

Cooperation: Autoliv, Brose, Johnson Controls, Schaeffler, Peugeot, Shimano

Certification: QS9000, ISO9002, ISO14001, ISO/TS16949, TOSHMS, OHSASA 18001

4

Motor Module

Fukuta Electric & Machinery Co., Ltd.

富田電機股份有限公司

www.fukuta-motor.com.tw/eng/index.html

Fukuta's production lines offers IEC standard induction motor, inverter(duty) motor, servo motor, and spindle servo motor. Its motor products possess larger output but smaller cooling system.

Cooperation: Tesla

Certification: IE3, GB2, CNS 14400

5

Motor Module

Rhymebus Corporation

寧茂企業股份有限公司

www.rhymebus.com.tw/en/index.php

It developed motor drive with unique control system of Three-Phase Sinusoidal Current adopted for the electric scooter. It is a professional manufacturer of AC inverter, auxiliary control equipment, and project design of automation control system integration.

Certification: ISO 9001, TS16949, CE, RoHS

6

Motor Module

Shihlin Electric & Engineering Corporation 士林電機股份有限公司

en.seec.com.tw

Shihlin Motor Drives for E-motorcycle are designed for energy saving, motor control and improvement of production performance. It is capable of controlling speed, torque, position and tension for both induction and permanent magnet motors.

Cooperation: Mitsubishi, RP, Polaris, BMW, Arctic Cat

Certification: Ford Q1, IATF 16949, TPM 賞

7

Motor Module

Taigene Electric Machinery Co., Ltd. 台全電機股份有限公司

www.taigene.com.tw/en/home.php

Taigene offers a wide range of electric motorcycle motors, electronic power assisted steering (EPS, REPS) motors, and high efficiency brushless motors for hybrid vehicles.

Cooperation: Yamaha, Sanyang, Suzuki, Ford, Nissan, Honda, Mitsubishi Motors

Certification: ISO9001, ISO14001, ISO/TS16949

8

Motor Module

Tatung Co. 大同股份有限公司

www.tatung.com.tw

Tatung aims for the EV motor and offers IE5 motor for E-bus, which is the only 200kW motor for E-bus in Taiwan. It has the motor manufacturing experience for over 50 years,

Certification: ISO 26262V-shape, IEC 60034-30-2

9

Motor Module

TDCM Corporation Limited

台優電機股份有限公司

www.tdcm-motor.com/

TDCM has established itself as a key niche manufacturer in a number of motor markets and applications, including automotive, electric vehicles motors, and unique OEM motors. Their products feature integrated cassette torque sensor, water-cooling, high durability and efficiency

10

Motor Module

TECO Electric & Machinery Co., Ltd.

東元電機股份有限公司

www.teco.com.tw/en

As a major motor manufacturer, TECO provides comprehensive vehicles powertrain solutions, applicable in battery electric vehicles from passenger car, SUV, light-duty commercial car, and electric bus. It rolled out "T Power 90 powertrain", which enabled vehicles to have high slope-climbing strength, thanks to its high-torque motor, as well as longer cruising range and low electromagnetic noise.

Certification: ISO 9001, ISO 14001, NO.CC002A

1

Motor System

Chroma ATE Inc.

致茂電子股份有限公司

www.chromaate.com/en/

It offers motor safety test solution through accurate measurement that can verify EV product's safety such as wound component EST analyzer and hipot analyzer featuring 5 in1 composite scanner and 5kV insulation resistance test.

Cooperation: Tesla

Certification: ISO 9001, ISO 13485, ISO 14001, ISO/IEC 17025

2

Motor System

Foxtron Vehicle Technologies Co., Ltd. 鴻華先進科技股份有限公司

www.honhai.com/en-us/mih-ev-open-platform

Foxconn, a prestigious pioneer in smart manufacturing partnered with Hua-Chuang, Yulon Group affiliate, one of Taiwan's leading auto makers, to roll out MIH, an open platform for electric vehicles (EVs). Leveraging the MIH platform, car manufacturers are granted access to key technologies and tools for developing EVs with differing models such as sedans and SUVs. MIH is therefore expected to be dubbed as the "Android system of the EV industry."

3

Motor System

Jimpower Machinery Industry Co., Ltd. 勁力工業有限公司

www.jimpower.com.tw

Jimpower's epicyclic gearing system enables electrical control system to charge supercapacitor when driving, eventually enhancing the power efficiency. In addition, it offers direct-drive wheel motor for light electric scooters.

1

Electrics-System

Advanced Micro Electronics Co., Ltd. 長傑科技股份有限公司

www.amec.com.tw/en/Index.aspx

ADAS service and tier-1 car electronic supplier is specialized in electric power assist system (EPAS), adaptive front lighting system (AFS), and fuel delivery module (FDM).

Cooperation: GM, Ford, Daimler Chrysler, Volkswagen, Honda, Hyundai, Jaguar, Porsche, Land Rover, Delphi, Visteon, Valeo

Certification: ISO 9001, ISO 14001, ISO/TS16949

2

Electrics-System

Chimei Motor Electronics Co., Ltd.**奇美車電股份有限公司**www.chimei-motor.com/en/

Chimei provides LDWS, FCWS, AHB, PD, virtual bumper, stop & go reminder, driver behavior detection, RCTA, BSD. It is also developing headlamps, three-dimensional visual images and multi-sensor integration. Chimei is supplier of Chinese EV company.

Cooperation: Mitsubishi, Yulon, Sanyang Motor Co., Ltd.

3

Electrics-System

Chroma ATE Inc.**致茂電子股份有限公司**www.chromaate.com/en

Chroma is a Taiwanese electronic test and measurement instrumentation company. The company develops and manufactures range from electronic test, electrical safety test solutions, automated testing equipment, battery test system, DC power supplies. It can provide a more realistic test solution for high-voltage power components and motor control.

Cooperation: Tesla, Altair Engineering

Certification: ISO 9001, ISO 13485, ISO 14001, ISO/IEC 17025

4

Electrics-System

Qisda Corporation**佳世達科技股份有限公司**www.qisda.com

Qisda offers total solutions for various embedded applications, including in-vehicle computer system for police cars, buses, and refrigerator trucks. Its in-vehicle computers center on reliable, small and low power consumption.

Certification: ISO 9001, ISO 13485, ISO 14001, ISO 14064-1, OHSAS18001, QC 080000

5

Electrics-System

E-Lead Electronic Co., Ltd. 怡利電子工業股份有限公司

www.e-lead.com.tw/index.php

Its Windshield Head Up Display (WHUD) can expand the floating image up to 5 times the original size. WHUD sales ranks third among the suppliers in China. E-Lead has factories in Taiwan, Thailand and China.

Cooperation: Volkswagen, Toyota, Honda, Nissan, Mitsubishi, Mazda, Audi, GM, Ford, Hyundai

Certification: IATF 16949, ISO 26262, ISO 17025, FORD Q1, VDA

6

Electrics-System

FIH Mobile Limited 富智康集團有限公司

www.fihmb.com

FIH focuses on creating an intelligent vehicle system, such as IVI, clusters, 5G T-Box and ADAS, and combining them with the software solution, such as UI/UX design, AI assistance, and Driver Monitoring System, and thus provides the complete solution to customers.

Cooperation: FCA, Geely, Isuzu, Lotus Motor

Certification: ISO 9001, 14001, 45001, 16949, ISO26262

7

Electrics-System

Mobiletron Electronics Co., Ltd. 車王電子股份有限公司

www.more.com.tw/

Mobiletron primary products include electronic control components, automobile security systems and industrial and automobile tools. The Company mainly exports its products to the Americas, Europe and Asia. Mobiletron has registered almost 500 patents.

Cooperation: Hyundai

Certification: IATF 16949, ISO 9001, ISO 14001, OHSAS18001

8

Electrics-System

Nutek Corporation 閱泰科技股份有限公司

www.nutek.com.tw

Nutek customized designed vehicle security system, remote start products, car sensors, and TPMS. It is one of the largest automotive security system supplier in the U.S. after market. International sales to the U.S., Canada, Europe, Australia, Russiz, South-Eastern Asia.

Certification: IATF 16949, IATF 16949:2015

9

Electrics-System

Orange Electronic Co., Ltd. 橙的電子股份有限公司

www.orange-electronic.com

Orange Electronic specialized in Wireless Tire Pressure Monitoring System (TPMS). Orange TPMS products have been certificated and approved in major markets. Orange Electronic has good reputation in Aftermarket (AM) service. Branches and distributing channels are established all around the world to provide service.

Cooperation: Toyota, Mitsubishi, Suzuki, Yutong, Foton

Certification: CE, ISO 9001, ISO TS-16949, ROHS

10

Electrics-System

oToBrite Electronics Inc. 歐特明電子股份有限公司

www.otobrite.com

oToBrite Electronics focus on the development of Advanced Driver Assistance Systems(ADAS) technologies and products. oToBrite's products have been adopted by several auto companies.

Cooperation: XPeng, Changan

Certification: IATF 16949

11

Electrics-System

Taiwan Calsonic Co., Ltd.

永彰機電股份有限公司

www.twncal.com.tw

Based on Magneti Marelli technical support, Taiwan Calsonic thermal management system has power-saving feature. It has production plants in Taiwan and China.

Cooperation: Luxgen, Yulon, CMC, Ford, Nissan

Certification: IATF16949

12

Electrics-System

Whetron Electronics Co., Ltd.

輝創電子股份有限公司

www.whetron.com/en/index

Whetron started out with remote access products and later expanded to provide Parking Aid System, GEM/BCM, and keyless entry products. Whetron has customers throughout Asia, Europe, Australia, Central America and South America.

Cooperation: Yamaha, Chrysler, Ford, Geely, Honda, Hyundai, Luxgen, Mazda, Mitsubishi, Nissan, Subaru, Suzuki, Toyota, Volkswagen, Kymco, GM

Certification: QS 9000, ISO 9001, ISO 14001, IATF 16949, CMMI LEVEL3

1

Electrics-Radar

Cubtek Inc.

為昇科科技股份有限公司

www.cubtek.com

Cubtek's mmWave Vehicle Radar can be applied to Rear Cross Traffic Alert (RCTA), Lane Change Alert (LCA), Door Open Warning (DOW), Forward Collision Warning (FCW), Blind Spot Warning (BSW). It is capable of customized design.

Certification: ISO 15623, GB/T 33577, ISO 17387, ISO/TS 16949, ISO 14001, QS-9000, ISO 9002

2

Electrics-Radar

TungThih Electronic Co., Ltd. 同致電子企業股份有限公司

www.tungthih.com.tw/en

Tung Thih's ADAS solution uses Ultrasonic Park Assist (UPA) system. Its ADAS solution is the third-largest in the world. Tung Thih has one-stop manufacturing capabilities

Cooperation: Tesla, Yulon, Renault, Wuling, Nissan, GM

1

Electrics-Power supply

AcBel Polytech Inc. 康舒科技股份有限公司

www.acbel.com.tw/public/en

AcBel is the power management ODM/OEM. It provides a total solution by offering various custom design and high-quality power supplies.

Cooperation: BYD, Tesla

2

Electrics-Power supply

Delta Electronics, Inc. 台達電子工業股份有限公司

www.deltaww.com

Major EV products include on-board chargers, DCDC converters, traction motors, traction inverters, and a combination design of OBC and DCDC. For EV products Delta stands out and has joined the ranks of first-tier suppliers. Delta has continued to develop modularized key components with all-in-one designs, effectively producing more lightweight, highly reliable products

Cooperation: Tesla

Certification: TL 9000, ISO 27001:2013, ISO 14064-1:2012

1

Electrics-Lens

Asia Optical Co., Inc. 亞洲光學

www.asia-optical.com/index.php?serial=&lang=en

Asia Optical is Tesla's automotive lens supplier that specializes in high-end lens. Provide a total solution from optical design to assembly for customized products.

Cooperation: Tesla, BMW, Mercedes-Benz

Certification: IATF 16949, ISO 9001, ISO 14001

2

Electrics-Lens

Calin Technology Co., Ltd. 佳凌科技股份有限公司

www.calin.com.tw/eng/index.php

Calin can not only make high-precision automotive lens but also provide all customized development services. Partnership with Velodyne.

Cooperation: Velodyne

Certification: IECQ QC 080000, IATF 16949, ISO 9001, ISO 14001

1

Electrics-LED

Laster Tech Co., Ltd. 麗清科技股份有限公司

www.lastertech.com

Laster Tech supplies Lumileds LED chips to Tier 1. Its huge investment in testing equipment boosts their ability to troubleshoot efficiently and detect problems.

Cooperation: Tesla

Certification: TS16949, ISO 14001:2004, OHSAS 18001:2007

2

Electrics-LED

Excellence Optoelectronics Inc. 聯嘉光電股份有限公司

www.eoi.com.tw

Excellence Optoelectronics is a maker of high brightness LED lamp. It provides vertical integration services from LED chip manufacturing, to packaging, and to the application, which makes it a crucial player in vehicle-use lighting.

Cooperation: Chrysler, Ford, Audi, Mazda, GM, Mahindra, Dodge, Haima, SVW, BAIC, CJLR, Great Wall, Tesla

Certification: ISO 45001, ISO 14001, ISO 9001, IATF 16949, OHSAS 18001

1

Electrics-Connector

Hu Lane Associate Inc. 胡連精密股份有限公司

www.hulane.com.tw/eng

Hu Lane's mainly produces connectors for EV car. The company is currently supplying Chinese EV car manufacturers and has actories in China and Vietnam, as well as multiple sales branch offices in Southeast Asia.

Cooperation: BYD

Certification: ISO9001, ISO/IEC 17025, IATF-16949

2

Electrics-Connector

Bizlink International Corp. 貿聯國際股份有限公司

www.bizlinktech.com

Bizlink produce wiring harnesses for battery management systems. Bizlink has factory and sales point worldwide, it can provide vertical integration and end-to-end service

Cooperation: Tesla, BMW, GM, BRP, Polaris

Certification: ISO/TS 16949, IATF 16949, ISO9001, ISO14001, OHSAS 18000, UL.

3

Electrics-Connector

Solteam Incorporation 崧騰企業股份有限公司

www.solteam.com.tw

This company produces switch and power connectors for EV products, which are reliable and shock-resistant.

Cooperation: Tesla, Bosch, Makita, GE

Certification: ISO 9001, ISO 13485, TS-16949

4

Electrics-Connector

Wieson Automotive (taiwan) Co., Ltd. 驊盛車用電子股份有限公司

www.wieson-auto.com/

Wieson had 7 major solutions, including Automotive Connector Solution, Automotive Wire Harness Solution, ADAS Interconnect Solution, Automotive Antenna Solution, Automotive data comm./ Charging Solution, elematics ADAS Solution and PCBA EMS. Wieson provided service for 15 domestic and foreign OE car manufacturers, also to global Tire 1 automotive electric suppliers for OEM/ODM service.

Cooperation: Yulon, BYD, Mazda, Suzuki

Certification: IATF 16949, ISO 9001, ISO 14001

1

Charging-System Integrator

Chargesmith 宅電股份有限公司

www.chargesmith.com/ev/

ChargeSmith offers EV owners an end-to-end charging solution from home and community charging plan to public charging maps. It collaborates with global car brands, charging operators and location service partners to build up a seamless EV charging network experience, creating the most used charging solution APP ChargeSmith in Taiwan.

Cooperation: Jaguar, Porsche, Volvo, Tesla

2

Charging-System Integrator

Noodoe Corporation 拓連科技股份有限公司

www.noodoe.com/

NOODOE EV OS platform orchestrates the operation of every charging station and offers the following functions: EV charging service, universal payment processing, central management and automated diagnostics.

Cooperation: Audi

3

Charging-System Integrator

Yes-Energy Service Co., Ltd. 裕電能源股份有限公司

www.yes-energy.com.tw/tw/evOfficial/

Yes-Energy offers the charging station total solution and has built more than 1,300 chargers of EV.

Cooperation: Nissan, Luxgen, BMW, Daeyoung Chaevi

1

Charging-Charging System

AC Power Corp. 鎰福電子股份有限公司

www.preenpower.com/en?c=1

It has been developing AC and DC power supplies based on the core technology of power conversion. It launched programmable high power AC power source, AFV+ series In 2019.

Certification: ISO9001:2015

2

Charging-Charging System

Bizlink International Corporation

貿聯國際股份有限公司

www.bizlinktech.com/

Connecting from batteries to engineering, BMB to modules, charging system to inverters, BizLink has the capabilities to provide high quality harnesses and ideal custom solutions for a single connector or vehicle wiring system. It is the sole cable assemblies of battery management system supplier for Tesla as well.

Cooperation: Polaris, ThermoKing, Tesla

Certification: ISO/TS 16949, ISO 9001, ISO 14001, OHSAS 18000, UL

3

Charging-Charging System

e-Easy Technology Co., Ltd.

鉞智新能源科技有限公司

www.evbus.com.tw/info.html

E-easy offers EV charging system, AC/DC Inverter and controller manufacturing services. It possess solid R&D experiences in electric control equipment for decades.

Certification: CNS

4

Charging-Charging System

eTreego Co., Ltd.

起而行綠能股份有限公司

en.etreego.com/

eTreego offers total solution of EV & E-Scooter charging system. It is founded by Taiwan Industrial Technology Research Institute's Entrepreneurial Guidance Platform.

Certification: HIL, ISO26262, CNS, GB,SAE, IEC, CHAdeMO

5

Charging-Charging System

Simplo Technology Co., Ltd.

新普科技股份有限公司

www.simplo.com.tw/index.php?lang=en

Simplo have developed power battery,energy storage system and charging solutions for electric vehicles since 2008.As No.1 rank notebook battery module supplier in global,one of every four battery comes from their Group.

Cooperation: Kymco, Sym, Yamaha, Honda, Giant, Merida, Shimano

Certification: ISO-9001 2015, ISO-14001 2015, ISO-45001 2018, CNS-45001 2018, ISO-13485 2016

6

Charging-Charging System

Xmight Inc.

岳鼎股份有限公司

www.xmight.com/en/index_en.html

Xmight provides an energy management solution for both residential and office use. Without recording the meters manually, the information about the costs of electricity can still be acquired clearly.

Cooperation: Tesla

1

Charging Station

Greatenergy Inc.

兆曜綠能科技股份有限公司

www.g-energytech.com

It developed the smallest portable charger on market, with great compatibility with all plug-in EVs.

2

Charging Station

iBASE Gaming 廣錠科技股份有限公司

www.ibasegaming.com/en

iBASE Gaming possessed the combined strength in manufacturing and ESS (Energy Storage System) technology knowhow to meet the needs of the Taiwan utility market and Asia energy market.

Cooperation: Gogoro

Certification: ISO 9001 : 2015, ISO 14001 : 2015, ISO 13485 : 2003, TUV

3

Charging Station

PEGATRON Corporation 和碩聯合科技股份有限公司

www.pegatroncorp.com/about/view/id/1/lang/en_US

In addition to assembling instrument panels for Tesla, PEGATRON is expected to begin mass production of the household charging stations for Tesla.

Cooperation: Tesla

4

Charging Station

Phihong Technology Co., Ltd. 飛宏科技股份有限公司

www.phihong.com.tw/en

As a customized charging system provider, Phihong has helped Audi to build up 6 Fast Charging Station in Taiwan in 2020.

Cooperation: Delta electronics, Acbel Polytech, Audi

5

Charging Station

Fortune Electric Co., Ltd. 華城電機股份有限公司

www.fortune.com.tw/en/

Fortune Electric have mainly developed electric vehicles charging station total solution with excellent software integration capability. It started the business from electron mechanical services and offered a complete product line of electrical panels and metal clad switchgears.

Cooperation: Mercedes-Benz

Certification: ISO 9001, ISO 9002, ISO/IEC17025

1

Charging-Charging Equipment

AcBel Polytech Inc. 康舒科技股份有限公司

www.acbel.com.tw/public/en

AcBel supplies EV charger for Japanese and American car makers. Focused on sales of electronic components, it is the top 10 embedded and information power suppliers in the world.

Cooperation: Tesla, Gogoro

Certification: ISO 16944, ISO 14001, OHSAS 18001, IECQ QC080000

2

Charging-Charging Equipment

Allis Electric Co., Ltd. 亞力電機股份有限公司

www.allis.com.tw/en

AEC's DC power supply & battery charger provided a variety of DC power equipments to meet specific requirements. Its thyristor control solid state circuit of charger and power supply offers compact design, high efficiency, easy operation and trouble free service.

Certification: ISO14001, OHSAS18001, TAF ISO/IEC17025

3

Charging-Charging Equipment

CFTC Precision Limited

和勤精機股份有限公司

www.cftc-hc.com.tw/en/index.asp

CFTC supplies charging relay base for EV. It is a major manufacturer for metal stampings and Tier 1 supplier for German VW group.

Cooperation: Tesla, Volkswagen

Certification: IATF16949, ISO9001, ISO14001, OHS18001

4

Charging-Charging Equipment

Chroma Ate Inc.

致茂電子

www.chromaate.com/en

Chroma ATE Inc. developed a customizable system called Chroma 8000 ATS offering AC/DC charging compatibility test for Electric vehicles, which can be configured with AC and DC power supplies, electronic loads, power analyzers, oscilloscopes to address the requirements of multiple power electronic systems.

Cooperation: Tesla

Certification: ISO 9001, ISO 13485, ISO 14001, ISO/IEC 17025

5

Charging-Charging Equipment

Delta Electronics, Inc.

台達電子工業股份有限公司

www.deltaww.com/en-US/index

Delta's EV charging solution encompasses a comprehensive product portfolio including AC /DC chargers, and energy management systems for public, business, and home charging scenarios. Features include high energy efficiency, compactness, and compatibility with global charging standards. Its strong interoperability enables the integration and management of EV chargers for optimal operational efficiency and energy usage.

Cooperation: Ford, Tesla, Jaguar

6

Charging-Charging Equipment

Excellent Power Electronic Co., Ltd.**佳源電子有限公司**www.excellent-power.com.tw/

They focus on the market of high-end OEM/ODM switching power supply, Led Driver development, and manufacturing. They supply industry & military car adapter, cost-effective, and compact size DC-DC switching power supply for ITX/ATX motherboard and mobile application.

Certification: UL, cUL, TUV, CB, GS, PSE

7

Charging-Charging Equipment

Quanta Computer Inc**廣達電腦股份有限公司**www.quantatw.com/Quanta/english

Aside from notebook manufacturing business, Quanta have extended their reach to self-drive vehicles and automobile electronics fields. They offers charging relay products for EV.

Cooperation: Tesla

8

Charging-Charging Equipment

Rich Electric Co., Ltd.**利佳興業股份有限公司**www.richelectric.com.tw

It has specialized in the design and manufacture of AC motor drives (aka VFD) for industrial applications such as the power train of the Hybrid Boat and EV.

Cooperation: Fukuta

Certification: ISO9001, CE

9

Charging-Charging Equipment

Thinking Electronic Industrial Co., Ltd. 興勤電子工業股份有限公司

www.thinking.com.tw/index.php

THINKING developed temperature sensor for EV Charger. It provides a broad line of protective circuit components, including over-voltage protection, over-temperature protection, and over-current protection.

Cooperation: Tesla

Certification: IATF 16949 and ISO 9001 certified and remains committed to offer product compliance in conformity assessment with UL, VDE, TUV, and CQC approvals.

1

Charging-Charging Connector

KS Terminals, Inc. 健和興端子股份有限公司

www.ksterminals.com.tw/eng_index.asp

KS Terminals' well-designed and manufactured charging connectors lead to simpler vehicle assembly and easier circuit maintenance. Moreover, they can provide excellent reliability and safety in outdoor environments for a long time. The company carries 20,000 kinds of products and more than 4,000 sets of molds in connectors and cable.

Cooperation: Tesla, Ford Motor, Luxgen, Mercedes-Benz, Audi, Mazda, Great Wall Motor, Volkswagen, BYD, Geely, Honda, Nissan

Certification: ISO 9001, ISO14001, ISO/TS 16949, UL, C-UL, CE, CSA, DNV, ABS, CQC, CNC

2

Charging-Charging Connector

Sinbon Electronics Company Ltd. 信邦電子股份有限公司

www.sinbon.com

SINBON has committed to the design and production of portable EV charging cable equipment. In addition, they also assemble charging stations, offering vertically integrated one-stop services to customers.

Certification: ISO 14001, GB/T 20234.2, U.S. standard SAE J1772, and European standard IEC 62196-2

3

Charging-Charging Connector

Solteam Incorporation

崧騰企業股份有限公司

www.solteam.com.tw/index.php

Solteam develops reliable battery power connectors for EV, automotive peripheral switches and modules. Its features include highly shock resistant structure, integrated switching modules, waterproof and eco-friendly.

Cooperation: Tesla

Certification: ISO 13485, IATF16949, ISO14001, ISO9001

4

Charging-Charging Connector

Well Shin Technology Co., Ltd.

維熹科技股份有限公司

www.wellshin.com.tw

Well Shin is widely recognized through household power cord. It manufactured power connector cord sets and accessories applied in industrial, construction and EV fields.

Cooperation: Tesla

Certification: IATF 16949 and ISO 9001 certified

1

Body

Boamax Industrial Co., Ltd.

寶馨實業股份有限公司

www.boamax.com.tw

Boamax is a world-class aluminum wheel manufacturer, offering a complete product line of wheels and services such as casting, CNC machining, painting, and assembly.

Cooperation: Yamaha

Certification: ISO 9002, QS 9000, ISO 14001, ISO/TS 16949

2

Body

Boltun Corporation 恒耀工業股份有限公司

www.boltun.com

Only a few fastener manufacturers in the world like Boltun have the technic to produces 10% lighter aluminum alloy fastener for EV. It is also the world's largest welding nut manufacturer.

Cooperation: Ford, BMW, Volkswagen, Mercedes-Benz, Audi, Nissan, Chrysler, GM, Honda, Toyota, Tesla

Certification: TS-16949, ISO 14001, ISO 9002

3

Body

Chao Long Motor Parts Corp. 造隆股份有限公司

www.chaolong.com.tw/en/

Chao Long supplies vehicle information display and intelligent driving support for EV brands such as Gogoro and Nio. This company is an experienced ODM/OEM for vehicle electronics that conforms to Toyota and Yamaha's standard.

Cooperation: Ford, Toyota, Honda, NIO, Mitsubishi, Suzuki, Kymco, Yamaha, PGO, Continental

Certification: ISO/TS 16949 , ISO 9001, ISO 14001, OHSAS 18001

4

Body

COC Tooling & Stamping Co., Ltd. 協欣金屬工業股份有限公司

www.twcoc.com.tw

COC Tooling & Stamping offers the stamping and welding metal parts to the clients worldwide. The quality won the Global Gold Award from Ford.

Cooperation: Nissan, Luxgen, China Motors, Ford ,Shanghai Motors, Stellantis, Southeast Motors, Yulon, Suzuki, Perodua

Certification: ISO 9002, QS 9000, ISO 14001, ISO/TS 16949

5

Body

Depo Auto Parts Ind. Co., Ltd.**帝寶工業股份有限公司**www.depoautolamp.com

The adaptive driving beam (ADB) technology developed by Depo makes them critical partner in Foxtron's MIH EV alliance. They are one of the world's top auto lighting manufacturers with a market share over 50%, serving customers in more than 100 countries.

Cooperation: Jiangling Motors, Great Wall Motors, Dongfeng Peugeot-Citroën

Certification: ISO 9001, IATF 16949, ISO 14001, OHSAS 18001, CNS 15506, CAPA

6

Body

Elite Sewing Machine Mfg. Co., Ltd.**慧國工業股份有限公司**www.twelite.com.tw/en

Elite provides the Japanese quality automotive parts including auto door, roof, seat, and brake...etc. They are a direct provider for Toyota, supplying to factories in Japan and assembly line in Taiwan.

Cooperation: Toyota

Certification: ISO 9002, ISO 14001, QS9000, ISO9001, TS16949, OHSAS 18001

7

Body

Fine Blanking & Tool Co., Ltd.**至興精機股份有限公司**www.fineblanking.com.tw

Fine Blanking & Tool is the largest automotive metal stamping manufacturer in Taiwan supplying tube, seat belt, sector, latch, gear, seat assembly, hand brake, and airbag frame. It is also the top 3 motorcycle disc brakes producer.

Cooperation: Autoliv, Brose, Johnson Controls, Schaeffler, Peugeot, Shimano, Honda, Yamaha, Ford, Suzuki

Certification: IATF16949, ISO 9001, ISO 14001, ISO 50001, ISO 14064, QS 9001

8

Body

Foxconn Technology Co., Ltd. 鴻準精密工業股份有限公司

www.foxconntech.com.tw

Foxconn tech is in charge of chassis manufacturing for notebook computer and smartphone in the world. The light metal technology they have developed for 3C products can also be applied to the EV chassis, which makes them an important player in MIH alliance in producing.

9

Body

Full Wei Industrial Co., Ltd. 富惟工業股份有限公司

www.fullwei.com.tw/html_en/index_en.htm

Full Wei supplies exhaust systems and autobody parts. It is a leading automotive body and stamping part maker who has partnership with Honda and Hyundai and they have won the Best Partner and Best Quality Award from Honda.

Cooperation: Hyundai, Honda

Certification: ISO 9002, QS 9000, ISO 14001, ISO/TS 16949

10

Body

Goshen Industries, Inc. 合信汽車工業股份有限公司

www.goshen.com.tw

Goshen offers OEM products to the leading auto brands such as Ford and Toyota. They are an experienced drum brake and caliper assembly manufacturer for more than 50 years.

Cooperation: Ford, Hino, Isuzu, Mitsubishi, Nissan, Subaru, Toyota, Yamaha

Certification: ISO 9002, QS 9000, ISO 14001

11

GSK Corporation 全興工業股份有限公司

www.gsk.com.tw

GSK is a Taiwan TOP 500 enterprise specialized in vehicle interior parts ranging from steering wheels, airbag modules, airbag cushions, shift knobs, seat beats, and switches. They also built up the factoris in the US, South Africa, South East Asia, and China.

Cooperation: Ford, BMW, Mercedes-Benz, Nissan, Mazda, Honda, Peugeot, Ducati, Renault, Toyota, Yamaha, KYMCO, SYM, Luxgen, Hyundai, CAT, Suzuki

Certification: ISO 9002, QS 9000, ISO 14001, ISO/TS 16949

12

Heng Tong Auto Parts Inc. 亨通國際開發股份有限公司

www.hengtong-brake.com/index.php?lang=en

Heng Tong has over 60 years of experience in manufacturing brake system and produced more than 9 million units each year. It supplies reliable brakes, from the motorcycle to the newest EV, for its customers.

Cooperation: Ford, Nissan, Yamaha

Certification: ISO 9002, QS 9000, ISO 14001, ISO/TS 16949, IATF16949

13

Hiwin Technologies Corp. 上銀科技股份有限公司

www.hiwin.tw/default.aspx

With their successful experience in semiconductor and medical machinery, Hiwin has developed the EV power steering ball screw has become the key components for vehicles to improve power efficiency.

Cooperation: Toyota, Nissan

Certification: IATF 16949, ISO 45001, ISO 9001, ISO 14001, ISO 14064-1, ISO 50001, ISO 13485

14

Body

Ho Ta Industrial Mfg. Co., Ltd. 和大工業股份有限公司

www.hota.com.tw/en

Ho Ta is known as the sole EV gear and gear reducer supplier for Tesla. It helped Tesla to reduce Roadster's gearbox noise.

Cooperation: BorgWarner, Tesla, Eaton, BRP, Punch

Certification: ISO 9002, QS 9000, ISO 14001, ISO/TS 16949

15

Body

Hocheng Corporation 和成欣業股份有限公司

hcg.com.ph Hocheng's carbon fiber-reinforced plastic (CFRP) wheels are 30% lighter than traditional aluminum alloy models without sacrificing functionality. Its CFRP wheels have outstanding appearance and are fuel-efficient, durable, and compatible with all car brands.

Certification: Taiwan Excellence

16

Body

Hua Yong Machine Industry Co., Ltd. 華鏞機械工業股份有限公司

www.huayong.com.tw

Hua Yong is the provider of delicate and high precision metal parts in starter gear, transmission shaft, and slide stand that can be applied to cars, motorcycles, and airplanes.

Cooperation: KYMCO, SYM, Taiwan Ministry of National Defense

Certification: ISO-9002 9001, QS-9000

17

Jimpower Machinery Industry Co., Ltd. 勁力工業有限公司

www.jimpower.com.tw

Jimpower's epicyclic gearing system enables the electrical control system to charge supercapacitor when driving, eventually increasing the power efficiency of EV.

Cooperation: Gogoro

18

Juei Hsing Hwa Industry Co., Ltd. 瑞興發工業股份有限公司

www.jhh.com.tw

Juei Hsing Hwa mainly manufactures automobile parts, such as hinge, dashboard halter, impact bar, and water pipe for the leading motorcycle brands.

Cooperation: CMC, KYMCO, Yamaha, Unipres

Certification: ISO 9002, QS 9000, ISO 14001, ISO/TS 16949

19

Ken Sean Industries Co., Ltd. 健生實業股份有限公司

www.kensean.com.tw

The Intelligent rear-view mirror (IRM) technology developed by Ken Sean provides better driving assistance and information display function. It is the largest car mirror manufacturer in Taiwan.

Cooperation: CMC, Toyota, KYMCO, SYM, Gogoro

Certification: ISO/TS 16949, TPM

20

Body

Kian Shen Corporation

江申工業股份有限公司

www.kian-shen.com/en/

Kian Shen is the largest automotive frame manufacturer in Taiwan producing 170,000 auto frame and 1.4 million transmission shafts annually offering to the world.

Cooperation: Nissan, Toyota, Volvo, Mercedes-Benz, Mitsubishi, Honda, Hyundai

Certification: ISO 9002, QS 9000, ISO 14001, ISO/TS 16949

21

Body

Lim Shang Hang Temper-Safe Glass Factory Co., Ltd.

林商行強化安全玻璃廠股份有限公司

www.lshglass.com

Lim Shang Hang has the leading automobile glass technology, applying with its products that can be equipped with noise reduction function and can endure an extreme environment.

Cooperation: Ford, CMC, Luxgen, SYM, Honda

Certification: AEO, ISO9001, ISO14001, ISO14064-1, ISO 50001, ISO/TS 16949, FSSC 22001

22

Body

Lio Ho Machine Works Ltd.

六和機械股份有限公司

www.lioho.com

Lio Ho Machine is the main auto components and metal parts manufacturer in Taiwan. Their products include iron casting parts, aluminum wheel parts, stamping parts, light metal die casting parts, energy-saving parts, and forging parts.

Cooperation: Ford, Toyota, Mitsubishi, Mazda, Suzuki

Certification: ISO 9002, QS 9000, ISO 14001, ISO/TS 16949

23

Body

Ming Ming Aluminum Co., Ltd. 明明鋁業股份有限公司

www.mingming.com.tw

Aluminum is an important material which helps the EV to reduce its weight. Ming Ming holds the best aluminum gravity-casting auto parts technic in Taiwan. The aluminum auto parts they make are lighter in weight and can be easy-forged with other parts even not made by them.

Cooperation: Triumph, Ducati, MV Agusta

Certification: ISO/TS 16949, QS-9000, IATF16949

24

Body

Nan Hoang Traffic Instrument Co., Ltd. 南晁交通器材工業股份有限公司

www.nhc-brakes.com/en/

Nan Hoang is Taiwan's largest friction material manufacturer that focuses on copper-free, low copper, and hybrid brake pads. Its applications range across automobiles, motorcycles, bikes, machinery, railway, and ship.

Cooperation: Nissan, Ford, Mitsubishi, Suzuki

Certification: ISO 9002, QS 9000, ISO 14001, ISO/TS 16949

25

Body

Right Way Industrial Co., Ltd. 正道工業股份有限公司

www.rightway.com.tw

Right Way has core competence in forging, casting and precision machining; its product includes (1) pistons and connecting rods for engines, (2) control arms and knuckles for vehicle suspension, and (3) ball joints and tie rods for vehicle steering. It is also a supplier for NASA.

Cooperation: Ford, Isuzi, BMW, Gogoro, Luxgen, Ducati, Emerson, KYMCO, Proton, Yamaha

Certification: ISO 9002, QS 9000, ISO 14001, ISO/TS 16949

26

Body

San Yes Automotive Technology Co., Ltd. 三益制動科技股份有限公司

www.sanyco.com/en

San Yes is the only company in Taiwan capable of offering ODM services on brake systems and brake system parts. Its partners include Saitama Kiki, Kyowa, Continental, and Robert Bosch.

Cooperation: Continental Auto Systems, Robert Bosch Technology, Saitama Kiki, Kyowa

Certification: QS 9000, ISO 9002, ISO 9001, ISO 14001, ISO/TS16949

27

Body

Shye Shyang Mechanical Industrial Co., Ltd. 協祥機械工業股份有限公司

www.ssmi.com.tw/en

Shye Shyang is an experienced manufacturer of automobile muffler, pulley, exhaust pipes, fuel tanks, steering columns, exhaust manifold, dashboard framework, and reinforced car body plates who establishes technical cooperation with leading Japanese facilities such as Futaba and JTEKT.

Cooperation: Toyota, Mitsubishi, Nissan, Honda

Certification: ISO 9002, QS 9000, TS 16949, ISO 9001

28

Body

Sumeeko Industries Co., Ltd. 世德工業股份有限公司

www.sumeeko.com

Sumeeko is the sole EV fastener supplier for Mercedes-Benz, BMW, and Tesla. is one of the only two aluminum alloy fastener makers in the world, producing EV-use aluminum fastener.

Cooperation: General Motors, Chrysler, Toyota, Nissan, Honda, Suzuki, BMW, VolksWagen, Tesla

Certification: TS-16949, ISO 14001, ISO 9001

29

Body

Superalloy Industrial Co., Ltd. 巧新科技工業股份有限公司

www.superalloy.com.tw

Superalloy is the top wheels manufacturer in the world making the wheel 25% lighter and 35% stronger than the traditional ones. They also produce aircraft parts, auto parts, aluminum, and copper parts. Moreover, it is the key supplier for BMW, Mercedes-Benz, Audi, and Ferrari.

Cooperation: BMW, Mercedes-Benz, Ferrari, Porsche, Toyota, Jaguar, Daimler

Certification: Ford Q1, TOYOTA Quality Alliance, KBA/TUV NO.48288, NASCAP, Chrysler RSO award

30

Body

Ta Yih Industrial Co., Ltd. 大億交通工業製造股份有限公司

www.tayih-ind.com.tw/en

Ta Yih is a professional manufacturer for Adaptive Front Lighting System (AFS), LED headlamp, and light-guiding technology. It is the largest automotive light OEM in Taiwan.

Cooperation: Luxgen, Ford, CMC, Chrysler, KOITO, Soueast, Gacfiatauto, Nippon Sharyo, Kawasaki, Siemens, Hitachi

Certification: ISO9002, QS9000/ISO9001, AS 9100, IATF 16949

31

Body

Taigene Electric Machinery Co., Ltd. 台全電機股份有限公司

www.taigene.com.tw/en

Taigene is the major motor producer in the world of the following products: Electric Power Steering (EPS), Rack assist Electric Power Steering motor (REPS), motorcycle motor, automotive motor, and air condition system. It has a production line in Taiwan, China, and Mexico. Its motor is used by Tesla.

Cooperation: Aeon Motor, Hsin Chong, Ford, CMC, Honda, Nissan, SYM, KYMCO, Mitsubishi, TGO, Yamaha, Chevrolet, Chrysler, Ducati, Citroën, Denso, Ferrari, GM, Fiat, Porsche, Opel, BMW, Jeep, KIA, Mazda, Daimler, Tesla

Certification: ISO 9002, ISO 14001, ISO/TS 16949

32

Body

Taiwan Glass Industry Corp. 台灣玻璃工業股份有限公司

www.taiwanglass.com

As the world's top 5 glass companies, Taiwan Glass offers complete automobile glass product line with the best quality. It supplies glasses to Ford, Toyota, Mazda, Subaru, Isuzu, and Suzuki.

Cooperation: Luxgen, Geely, Fiat, AOXIN New Energy Automobile

Certification: AEO, ISP9001, ISO14001, ISO14064-1, ISO 50001, ISO/TS 16949, FSSC 22000

33

Body

Three Brothers Machinery Industrial Co., Ltd. 三申機械工業股份有限公司

www.ttbm.com.tw

Three Brothers supplies auto body and stamping parts for all leading Taiwanese car and scooter brands. They also have overseas branches in China and Vietnam.

Cooperation: SYM, Yamaha, PGO, Suzuki, Luxgen, Cequent, Polaris, Suzuki

Certification: IATF 16949, ISO 9002, ISO/TS16949

34

Body

Y. C. C. Parts Mfg. Co., Ltd. 昭輝實業股份有限公司

www.yccco.com.tw

Y. C. C. produces automobile plastic parts like bumpers, grilles, head lamp mounting panels, and valances. It sells products worldwide offering to the well-known car brands.

Cooperation: Volkswagen, BMW, Mercedes-Benz, Volvo, Nissan, Toyota, SAIC-GM-Wuling Automobile

Certification: QS9000 /ISO9001, US CAPA, ISO9002, US MQVP, TS16949,

35

Yue Sheng Industrial Co., Ltd.

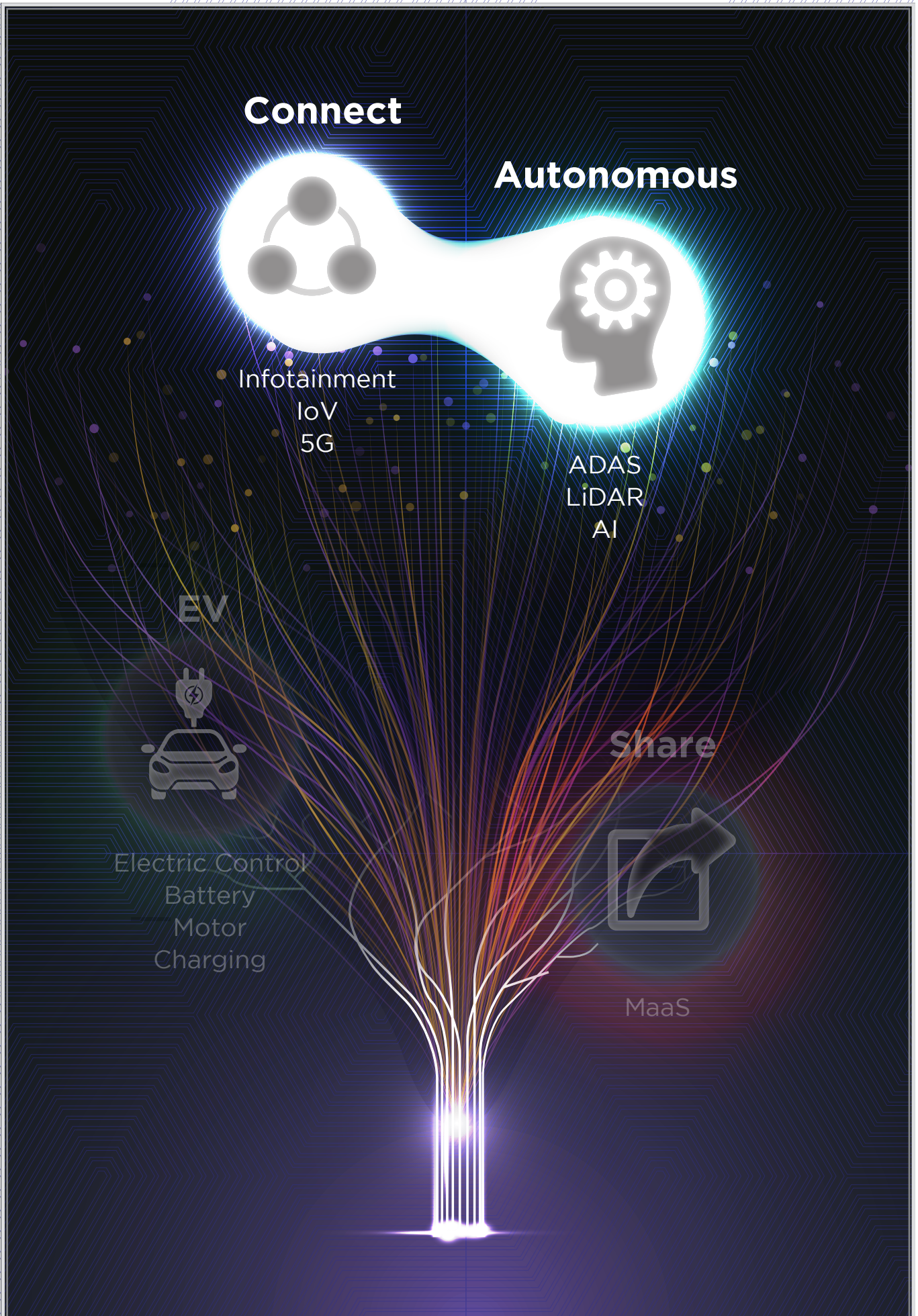
裕盛工業股份有限公司

www.twys.com.tw

Yue Sheng is a manufacturer for auto glass, seat belt, carpet, and trim trunk under the Yulong group. Glass products include tempered glass, laminated glass, polymer-dispersed fluid crystal, and antenna-printed glass.

Cooperation: Ford, CMC, SYM, Honda, Nissan, Mitsubishi, Luxgen

Certification: ISO9001, ISO14001, ISO14064-1, ISO 50001, ISO/TS 16949, FSSC 22002



1

Anpec Electronics Corporation 茂達電子股份有限公司

www.anpec.com.tw/index.aspx?lang=en

Main products include power management IC, Audio Amplifier IC, LCD Controller/Driver IC, Hall Effect IC, and power MOSFET. Now extends to communication IC and micro-controller application. Application Focuses on computer, communication and consumer products.

Partnerships: HP, Dell, AMD, NVIDIA

Certification: ISO 9001

2

ELAN Microelectronics Corp. 義隆電子股份有限公司

www.emc.com.tw/emc/en

Focus on Touchscreen Controller and TDDI with Pen supports. ELAN not only provides the best integrated circuit design solutions, but support multiple pen protocols such as Microsoft's MPP, Wacom's AES and Huawei's HPP. Active Pen applications have gained popularity with users in notebook PC, tablets, and now smartphones in recent years.

Partnerships: Acer, Asus, HP, Lenovo, Dell, Xiami, Msi, Huawei (Notebook PC Smartphone & Tablet Smart Wearables)

Certification: ISO 9001

3

Elite Semiconductor Memory Technology Inc 晶豪科技股份有限公司

www.esmt.com.tw/en

Specialize in DRAM products which can be widely used in PC peripheral, home appliances, and consumer, communications systems, with various density and interface specifications. Due to the growing adoption of System in Package (SiP) in many applications, ESMT has also developed Known-Good-Die (KGD) and Multi-Chip Package (MCP) solutions of memory products.

Partnerships: Consumer electronics and IoT deployment, ex. Huawei, ZTE, Toshiba, Witten and Seagate, Intel, Silicon Power, Edomtech, MCP

Certification: ISO 9001

4

eMemory Technology Inc. 力旺電子股份有限公司

www.ememory.com.tw/en-US

eMemory's proprietary IP technologies include NeoBit, NeoFuse, NeoMTP, NeoEE and NeoPUF. Products developed with these core technologies have been made into more than 48 billion ICs used in various consumer, industrial and automotive applications.

Partnerships: Toshiba, NEC, Fujitsu, TSMC, GlobalFoundries, SMIC, QUALCOMM Incorporated, BroadCom

Certification: ISO 9001

5

Faraday Technology Corporation 智原科技股份有限公司

www.faraday-tech.com/en/content/index

Faraday has developed a series of evaluation platforms to facilitate customer's SoC design by estimating the system performance and developing the software on real SoC chip integrated with ARM CPU. For the MCU/IoT market, Faraday also provides the FPGA platforms for low-power SoC design enclosing ARM Cortex-M0/M3/M4 core.

Partnerships: Qualcomm, BroadCom

Certification: ISO 9001

6

Global Mixedmode Technology Inc. 致新科技股份有限公司

www.gmt.com.tw/80

GMT is leading in power solution and focus our products on the applications of Note Book PC, Server, Workstation and 3C consumer products including mobile phones, networking, LCD monitors, PDA, CD-R/W, DVD and IA.

Partnerships: Confidential

Certification: ISO 9001

7

Global Unichip Corp. 創意電子股份有限公司

www.guc-asic.com/en-global

GUC has been delivering SoC design services on 0.5um to 5nm technology. GUC chip implementation solution resolves the challenges of multi-hundred-million gates design, GHz operating frequency, noise coupling at deep submicron, IR drop, ESD, design for manufacturing (DFM), and time to market requirements.

Partnerships: ARM, Cadence, eMemory, M31, NSCore, PUFSecurity, Synopsys, TSMC

Certification: ISO 9001

8

MediaTek Inc. 聯發科技股份有限公司

www.mediatek.com/

MediaTek is the world's 4th largest global fabless semiconductor company and powers more than 1.5 billion devices a year.

The MediaTek Dimensity 5G chipset family brings smart and fast together to power the world's most capable 5G devices. Dimensity represents a step toward a new era of mobility - the 5th dimension - to spur industry innovation and let consumers unlock the possibilities of 5G connectivity.

Partnerships: Samsung, Panasonic, Sharp, Sony, OPPO, VIVO etc.

Certification: ISO 9001

9

Princeton Technology Corporation 普誠科技股份有限公司

www.princeton.com.tw/en-us/home.aspx

PTC's products include Display Driver ICs, Multimedia Audio Controller ICs, Motor Driver ICs, RF ICs, Encoder/Decoder ICs, Remote Control ICs, and ASICs and are suitable for a wide range of applications, including automotive dash-board and multimedia devices, portable audio players, digital TVs, home audio/video appliances, DSCs, DSLRs, monitoring cameras, and car security systems.

Partnerships: Futaba, Pioneer, Samsung SDI, Sony, Nio

Certification: ISO 9001

10

Realtek Semiconductor Corp. 瑞昱半導體股份有限公司

www.realtek.com/en/

Realtek's efforts to provide the ultimate in pioneering IC technology — along with its firm commitment to creating unique and innovative designs for a broad range of high-tech applications — have won the company a worldwide reputation and made possible a favorable and consistent growth rate in the years since its establishment.

Partnerships: TESLA, BMW, HP, Dell, Microsoft

Certification: ISO 9001

11

Silergy Corp. 台灣矽力杰科技股份有限公司

www.silergy.com/

Silergy designs and manufactures a broad range of high performance analog integrated circuits, which can be widely used in industrial, consumer, computing and communication devices, those products are designed to improve efficiency and to conserve or measure energy use.

Partnerships: Samsung, Huawei, Lenovo, TCL, Sony

Certification: ISO 9001

12

Sitronix Technology Corporation 矽創電子股份有限公司

www.sitronix.com.tw/en/index/

Sitronix Technology is fabless semiconductor company that primarily focuses on display driver ICs (DDIs) for entry-level mobile phones, industrial displays, and automotive systems. Sitronix is the feature phone DDI market leader with a global footprint spanning Africa, Latin America, Southeast Asia, and other regions. In recent years, the company has also seen tremendous growth in its smartphone and sensor businesses.

Partnerships: Volkswagen, VOLVO, ZTE, Huawei, Coolpad, Lenovo

Certification: ISO 9001

13

Sunplus Technology Co., Ltd.

凌陽科技股份有限公司

www.sunplus.com/index.asp

One of the leading chip providers for multimedia and automotive applications such as DVD player, portable DVD player, home entertainment audio products, car infotainment and advanced driving assistance system(ADAS). Meanwhile Sunplus is offering high-speed I/O IP, high performance data conversion IP, and analog IP for a broad range of applications on consumer, portable, and connected devices.

Partnerships: ODMs, Automotive Brands / Tier 1, Google, Apollo

Certification: ISO 9001

14

Zilltek Technology Corp.

鈺太科技股份有限公司

www.zilltek.com/en-us

Zilltek provides Microelectromechanical Microphones (MEMS MIC), including various analog and digital output signal MEMS MIC's. Zilltek also have a professional acoustic laboratory (PAL Acoustic Lab) to provide customers with a more complete software design support platform and application solutions. MEMS MIC's comprises of applications that use sound as the human-machine interface, this includes personal 4C products, game consoles, hearing aids, Internet of Things (IOT) and various wearable devices.

Partnerships: SONY

Certification: ISO 9001

1

Taiwan Semiconductor Manufacturing Company Limited

台灣積體電路製造股份有限公司

www.tsmc.com/english

World's leading IC foundry, WW market share over 50% with the up to date 3nm technology. TSMC has the broadest range of technologies and services in the Dedicated IC Foundry segment of the semiconductor manufacturing industry. Also cover a wide range of applications in the computer, communications, consumer, industrial and standard segments and are used in a variety of end markets including mobile devices, high performance computing, automotive electronics and the Internet of Things (IoT).

Partnerships: Apple, NVIDIA, Broadcom, Qualcomm, AMD, Sony, STM, etc.

Certification: ISO 9001, IATF 16949, IECQ QC080000, US LEED Green Building, ISO/IEC 15408/27001

2

United Microelectronics Corporation 聯華電子股份有限公司

www.umc.com/en/Home/Index

The third position in WW IC foundry market share, specialized in comprehensive technology and manufacturing solutions include logic/RF, display driver IC, embedded flash, RFSOI/BCD, and IATF-16949 automotive manufacturing certification for all wafer fabs.

Partnerships: Samsung, Realtek, MTK

Certification: ISO 9001, IATF 16949, IECQ QC080000

3

ASE Technology Holding Co., Ltd. 日月光半導體製造股份有限公司

www.aseglobal.com/en

World's leading provider of semiconductor manufacturing services in assembly and test. Offering complete turnkey solutions covering front-end engineering test, wafer probing and final test, as well as IC packaging, materials and electronic manufacturing services.

Partnerships: Broadcom, Infineon, Marvell, Qualcomm, STM, Renesas, etc.

Certification: ISO 9001, IATF 16949, IECQ QC080000

4

Ardentec Corporation 欣銓科技股份有限公司

web.ardentec.com/

Professional testing company providing semiconductor wafer and IC test related services, including logic, mixed-signal, analog, RF, memory, and LCD driver ICs.

Partnerships: Renasus, TI, NXP, Infineon

Certification: ISO 9001, IATF 16949, IECQ QC080000

5

Greatek Electronics Inc. 超豐電子股份有限公司

www.greatek.com.tw/index-en.html

Provide leadframe base packages, including P-DIP, SOP, SOJ, SSOP, TSSOP, MSOP, QFP, LQFP, TQFP, PLCC, TO, etc. Also provide circuit probing and final test. Newly moving into Stacked Die Package, MCM and Copper Wire production.

Partnerships: IDMS

Certification: ISO 9001, IATF 16949, IECQ QC080000

6

I-Chiun Precision Industry Co., Ltd. 一詮精密工業股份有限公司

www.i-chiun.com.tw/index_en.php

Ranked number one in WW market share in Optoelectronic LED and visible/invisible light lead frames. Also offer small motors and 3C key components.

Partnerships: Nichia, Rohm, Sharp, Cree

Certification: ISO 9001, IATF 16949, IECQ QC080000

7

King Yuan Electronics Corp. 京元電子股份有限公司

www.kyec.com.tw/en

Second-largest firm in terms of testing revenue and the largest professional pure-play testing company worldwide. Provide wafer probing, final product test, burn-in services and assembly service for the semiconductor backend supply chain.

Partnerships: Intel, Bosch, NVIDIA, STM, etc.

Certification: ISO 9001, IATF 16949, IECQ QC080000

8

Lingsen Precision Industries , Ltd. 菱生精密工業股份有限公司

www.lingsen.com.tw/index.aspx

One of the world's most competitive specialized IC testing and packaging companies, contract out their packaging and testing operations in power management IC and flash memory IC.

Partnerships: Samsung, LG, Atmel

Certification: ISO 9001, IATF 16949, IECQ QC080000

9

Sigurd Microelectronics Corporation 矽格股份有限公司

www.sigurd.com.tw/eng/sigurd_about.asp

Provider of semiconductor assembly and test services, various tester sets to perform wafer level and final tests for semiconductor ICs and modules, including C/P and F/T for logic, analog, mixed-signal, RF, memory and power ICs.

Partnerships: O2, Anadigics, Murata, Microship

Certification: ISO 9001, IATF 16949, IECQ QC080000

1

Jentech Precision Industrial Co., Ltd. 健策精密工業股份有限公司

www.jentech.com.tw/

Jentech works in metal stampings for electronics industry which is Thermal heat spreader, Semiconductor lead frame and injection molding, Peripheral Device and Stamping Parts, and Communication Connectors.

Partnerships: NVIDIA, Osram, Philips, Microsoft, SONY

Certification: ISO 90001, IATF16949, SONY GREEN PARTNER

2

Kaori Heat Treatment Co. Ltd.

高力熱處理工業股份有限公司

www.kaori-taiwan.com/#none

Kaori's major goal is to pursue the cutting edge heat treatment technology and to manufacture world class products. In recent years, Kaori has cooperated with several worldwide well-known companies to develop and manufacture system products in energy saving and hydrogen energy, stepping into a green energy company.

Partnerships: Hitachi, Tatung, TECO, Bloom Energy

Certification: ISO 90001, IATF16949, SONY GREEN PARTNER

3

Sunonwealth Electric Machine Industry Co., Ltd.

建準電機工業股份有限公司

www.sunon.com/en/

SUNON is a core motor technology provider, their micro-motor fans are ranked third shipping amount in the world. Their product lines include motors, fans, cooling modules, ventilation, and air purification solutions.

Partnerships: BMW, Lexus, Intel, ACER, HP

Certification: ISO 90001, IATF16949, SONY GREEN PARTNER

1

ADATA Technology Co., Ltd.

威剛科技股份有限公司

corp.adata.com/

ADATA offers complete memory solutions including DRAM modules, USB flash drives, memory cards, solid state drives and portable hard drives. ADATA's Industrial-grade memory modules and storage media can withstand extreme temperatures (-40°C - +85°C), employing high quality Flash in SLC/A+ SLC/MLC, helping ensure reliability and durability.

Partnerships: ASUS, ACER, Ellite

Certification: ISO 14001, IECQ QC080000

2

Apacer Technology Inc. 宇瞻科技股份有限公司

consumer.apacer.com/eng/

Apacer focuses on industrial solid-state drives (SSD), consumer digital products, and memory modules. Applications in transport area such as navigation systems, In-Vehicle Infotainment (IVI) and Advanced Driver Assistance System (ADAS) in vehicles to surveillance and intelligent transportation system outdoors, SSDs and memory are tasked with reliably reading and writing data.

Partnerships: ASUS, ACER, Ellite

Certification: ISO 14001, IECQ QC080000

3

Macronix International Co., Ltd. 旺宏電子股份有限公司

www.macronix.com/en-us/Pages/default.aspx

One of the leading integrated device manufacturer in the Non-Volatile Memory (NVM) market, provides a full range of NOR Flash, NAND Flash, and ROM products. For Automotive applications, especially in the areas of ADAS and wireless connectivity, Macronix is well positioned to provide innovative and market leading non-volatile solutions.

Partnerships: APPLE, BMW

Certification: ISO 14001, IECQ QC080000

4

Nanya Technology Corporation 南亞科技股份有限公司

www.nanya.com/en/

Nanya is the fourth largest world-class DRAM provider, has successfully developed core cell technology for the 10nm class DRAM process, which will enable the sustainability of its DRAM products for at least 3 generations, and apply the technology to develop next-generation DDR5 and LPDDR5 products.

Partnerships: APPLE, Infineon

Certification: ISO 14001, IECQ QC080000

5

Phison Electronics Corporation 群聯電子股份有限公司

www.phison.com/en/

Phison is one of the market leader in NAND Flash controllers and applications including USB, SD, eMMC, PATA, SATA, PCIe and UFS. As NAND Flash is fast tracking into a new phase of consumer, industrial, and enterprise applications, Phison continues its innovation on emerging technologies such as embedded storage, solid state drives and security products.

Partnerships: Toshiba, Microsoft, M-System, Numonyx, Dan-Elec, Microlan, Dell, Micron, Kingston

Certification: ISO 14001, IECQ QC080000

6

Team Group Inc. 十銓科技股份有限公司

www.teamgroupinc.com/en/

TEAMGROUP aim at the global layout of R&D technology and manufacturing in memory products, produces its own brand of memory modules, memory cards, USB flash drives, solid state drives, peripheral series, mobile accessories and industrial applications.

Partnerships: ASUS, ACER, Ellite

Certification: ISO 14001, IECQ QC080000

7

Winbond Electronics Corp. 華邦電子股份有限公司

www.winbond.com/hq/?__locale=en&

Specialized in memory IC, Winbond's major product lines include Code Storage Flash Memory, TrustME® Secure Flash, Specialty DRAM and Mobile DRAM. For advancements in autonomous driving in the automotive industry, Winbond memories can be used to connect the ADAS console to provide the driver a safer environment for worry free travel.

Partnerships: Samsung, Spansion, Infineon, Microsoft

Certification: ISO 14001, IECQ QC080000

1 Zhen Ding Technology Holding Ltd.

臻鼎科技股份有限公司

www.zdtco.com/en

A professional service provider that offers one-stop solutions for the design, development, manufacturing, and sales of all types of PCB, including FPC, SLP, HDI, RPCB, IC substrates, Rigid Flex PCB, COF, and modules. Its rigid-flex PCBs is for automotive camera modules application.

Partnerships: Apple, OPPO, VIVO, Foxconn

Certification: ISO 9002 , QS 9000, ISO 14001, ISO 9001, IECQ HPSM QC080000

2 Unimicron Technology Corp.

欣興電子股份有限公司

www.unimicron.com/en/index.html

Provides High Reliability Automobile PCB, includes HDI, CSP, modules, PBGA, CSP, BGA, SIP, Embedded Passive Product, LED PCB, optical module PCB, optical transceiver PCB, high speed PCB, high frequency PCB, high layer count PCB, 5G PCB, 5G CPE PCB, automotive PCB, ECU PCB, RADAR PCB, semiconductor test PCB, IC test PCB, back panel PCB.

Partnerships: Samsung, Apple, Sony, Nokia, Huawei, AMD, NVIDIA, Qualcomm, Broadcom, MTK

Certification: ISO 9002, QS 9000, ISO 14001, ISO 9001, IECQ HPSM

3

APCB Inc.

競國實業股份有限公司

www.apcb.com.tw/

APCB is a multi-layer PCB provider which major in consumer electronic product application. APCB extend their product lines to various field. For vehicle application, automotive Board can be used in Body Control System, Dashboard, Sensor Board, Head Lamp, etc.

Partnerships: Continental

Certification: IATF16949

4

CHIN POON Industrial Co., Ltd.**敬鵬工業股份有限公司**www.chinpoon.com/en

CHIN POON is an automotive PCB specialist, who provides complete technology capability in multilayer PCBs, high frequency, metal bas, HDI & IVH, heavy copper, flexible, SS/NPTH/STH/CPTH for Car Dashboard, ECU, ADAS Radar, and Car lighting applications.

Partnerships: Bosch, Continental, Magna, Denso

Certification: ISO 9001, IATF 16949, TL 9000, IECQ QC080000, ISO 14001, ISO 45001, ISO 14064-1, ISO/IEC 17025, AS 9100

5

Dynamic Electronics Co., Ltd.**定穎電子股份有限公司**www.dynamicpcb.com/en/

Dynamic is a professional PCB manufacturer who ranked the 42nd in the world, and the 13th of the world automotive in 2018. Dynamic will follow the development of electric vehicles and light-fuel electric vehicles in the future and continue to enter the production of high-end automotive PCB.

Partnerships: Asus, Continental

Certification: ISO 9001, IATF 16949, ISO 14001, IECQ QC080000, ISO 45001, AS 9100, ISO 13485

6

First Hi-tec Enterprise co., Ltd.**高技企業股份有限公司**www.fht.com.tw/web/en/index

PCB application in automotive sector includes AC, DC, battery charger, converter, power control, automotive radar etc.

Partnerships: Tesla, Mercedes-Benz, Volkswagen, GM, Advantech, Protwell, IEI, Winmate

Certification: IATF16949, ISO 9001

7

Global Brands Manufacture Ltd. 精成科技股份有限公司

www.gbm.com.tw/en/

gbm focuses on PCB production and EMS business, their products cover various industries of information, communication, automobile, and consumer electronics. gbm PCB monthly production reaches millions of square feet.

Partnerships: Personal computers, Storage devices, Netcom, Consumer electronics, Automotive Electronic

Certification: ISO 9002, QS 9000, ISO 14001, ISO 9001, IECQ HPSM QC080000

8

Info-Tek Corp. 台灣精星科技股份有限公司

www.psaitc.com/?&lang=en

Info-Tek's operational projects are surface mount technology, the traditional plug fully functional testing, test reliability, product assembly, testing, burn-in to provide customers one-stop shopping services, which include electronic OEM and generation of materials.

Partnerships: TESLA, NIO, EV Car, GM, VolsWagen, SKODA, Chrysler

Certification: ISO/IEC17025, IATF 16949, ISO13485-1, ISO13485-2, ISO14001, ISO9001, IECQ QC080000, AS9100

9

Tripod Technology Corporation 健鼎科技股份有限公司

www.tripod-tech.com/wordpress/en/%e9%a6%96%e9%a0%81-tripod-tech-en-translation/

Provides PCBs that are introduced in several automotive applications, such as infotainment, power, chassis & safety, and brake.

Partnerships: Continental, Bosch, Xiaomi, Huawei, Samsung, Apple

Certification: ISO 9001, IATF16949, IECQ QC 080000, TL9000-H R6.0/R5.5, OHSAS 18001, ISO 45001, ISO 14001, ISO 14064-1, ISO50001, ISO 27001

10

Unitech Printed Circuit Board Corp.**耀華電子股份有限公司**www.pcbut.com.tw/en/

Provides high-density interconnection (HDI) PCB, Rigid-Flex PCB used in smart device and smart car. Unitech ranks among the world's Top 10 HDI circuit board suppliers.

Partnerships: Apple, LG Electronics, SONY, Continental

Certification: HDI, E97564, Rigid-flex board, E322129, ISO 9001, IECQ QC080000, IATF16949, HSPM-RoHS

1

Actron Technology Corporation**朋程科技股份有限公司**www.actron.com.tw/index.php

Actron Technology is currently the biggest qualified automotive diode supplier in the world. Being a professional in designing and developing of electronic components of vehicles, Actron primarily specializes in automotive diode, alternator, regulator, and ABS controls.

Partnerships: Denso, Toyota

Certification: ISO 9001, IECQ QC080000

2

Advanced Power Electronics Corp.**富鼎先進電子股份有限公司**www.a-power.com.tw/index.aspx?lang=eng&fn=index

APEC is the first company to successfully integrate the 6-inch DMOS process in Taiwan. APEC provides total solutions for new power requirements in MOSFETs, IGBTs. The company's products are broadly applied in the computing, consumer electronics, display, communications and industrial segments.

Partnerships: LG, Samsung, Innolux, Hon Hai, Primax, Delta

Certification: ISO9001, REACH

3

Amulaire Thermal Technology Inc. 艾姆勒車電股份有限公司

www.amulaire.com/en

Amulaire focuses on R&D of cooling for green electronic devices, now is an important member of leading international automotive suppliers. Their heat dissipating products for IGBT modules are also applied in various well-known electric and hybrid vehicles.

Partnerships: Continental, BMW, GM, BYD, Infineon, Delphi, Bosch

Certification: ISO 9001, IATF 16949, ISO 14001

4

Eris Technology Corporation 德微科技股份有限公司

www.eris.com.tw/en/

Eris Technology is an ODM providing a variety of support services to design, manufacturing, and after-marketing services for Diode products. Eris provided Schottky Diodes, TVS Diodes, Zener Diodes, Bridge Diodes, Wafers, LEDs, the relevant devices, etc.

Partnerships: IDMs

Certification: ISO 9001, IECQ QC080000

5

Excelliance MOS Co., Ltd. 杰力科技股份有限公司

www.excelliancemos.com/

Excelliance is a power device and IC design company, specializes in power semiconductor process development, high efficiency power device, IC and system design by the capability of vertical integration. The developed devices can be applied widely to the power system of electronic products.

Partnerships: POWER manufacturer

Certification: ISO 9001, IECQ QC080000

6

Lite On Semiconductor Corp. 敦南科技股份有限公司

www.liteon-semi.com/index.php

LSC is the global largest AC/DC GPP Bridge supplier since 2011. They design, develop, package and test a wide series of green power related semiconductor components that are mainly applied on communications, information, consumer electronics products' switching power supply and system power supply.

Partnerships: Lite-on, Samsung

Certification: ISO 9001, ISO 9002

7

Niko Semiconductor Co., Ltd. 尼克森微電子股份有限公司

www.niko-sem.com/index.php?website_language_id=3

NIKO-SEM focuses on high performance power management components and the analog ICs. Their main products include Power MOSFET, linear Regulator, Switching Regulator and Control IC which are widely applied in the main-boards, VGA cards, LCD TVs, LCD Monitors, Power Adapters, Laptop Computers, Telecom & Network Equipments, etc.

Partnerships: Gigabyte, Biostar, ASUS, MSI, Elite, Hon Hai, Compal, Pegatron, Quanta, Wistron

Certification: ISO9001, ISO14001

8

PANJIT International Inc. 強茂股份有限公司

www.panjit.com.tw/en

PANJIT is a vertical integrated semi-conductor manufacturer with self-design and produce the wafer and manufacture products. PANJIT is continuously launch low profile products and accurate power rating devices which conforms to the customer needs.

Partnerships: Valeo, Magna, Denso, Autoliv, Delphi

Certification: IATF16949, REACH, RoHS

9

Sinopower Semiconductor Inc. 大中積體電路股份有限公司

www.sinopowersemi.com/Form2/index.aspx?lang=3

Sinopower is a fabless IC design company dedicated in power discrete devices (MOSFET & IGBT) and high voltage power IC (HV IC) design and Marketing/Sales. The voltage range of their main products covers from 20 to 1200 Volts, and the application includes computer (PC and Server), power supplier, communication equipment, handheld devices, consumer products, industry applications, etc.

Partnerships: GOOGLE

Certification: ISO 9001

10

Taiwan Semiconductor Co., Ltd. 台灣半導體股份有限公司

www.taiwansemi.com/en/

Taiwan Semiconductor recognized for more than 40 years for its core competence in discrete Power Rectifiers, and has expanded its product portfolio to include Trench Schottkys, MOSFETs, Power Transistors, LED Driver ICs, Analog ICs and ESD Protection Devices, and now provides a complete solution from one source.

Partnerships: Samsung, Sony, Panasonic, Sony, Philips, Osram, Hella, Bosch, Siemens, Samsung

Certification: SONY Green Partner, IATF 16949, ISO 14001, ISO 9001, E326243, E326854, E478892, E485897

1

YAGEO Corporation 國巨股份有限公司

www.yageo.com/en/Home

Ranked No.1 WW in chip-resistors, No. 3 in MLCCs. YAGEO provide offering complete product portfolio of resistors, capacitors, wireless and circuit protection components to meet the diverse vertical markets need, such as telecommunications, IoT and automotive & transportation.

Partnerships: 31% Market share of Passive components worldwide

Certification: ISO 9001, ISO 14001, IATF16949, ISO 45001, Sony GP, RoHS

2

Walsin Technology Corporation 華新科技股份有限公司

www.passivecomponent.com/

One of the world's leading manufactures of passive components with a one-stop-shop product portfolio, The company's product lineup includes MLCC capacitor/array, chip-resistor/array & networks, inductors, RF filters, disc capacitor, varistor, chip fuse, and antenna, etc.

Partnerships: Confidential

Certification: ISO 9001, RoHS, IATF16949, IECQ QC080000, REACH

3

Chilisin Electronics Corp. 奇力新電子股份有限公司

www.chilisin.com/en-global

Chilisin is a total solution provider for Power, RF and EMI Application. Started as a ferrite core supplier with in-house powder mixing technology, Chilisin has evolved into a global group to provide comprehensive passive components through vertical integration and horizontal alliances.

Partnerships: Samsung, Xiaomi, Huawei, EHang

Certification: ISO 9001, RoHS

4

APAQ Technology Co., Ltd. 鈺邦科技股份有限公司

www.apaq.com.tw/en

APAQ is a global and professional polymer capacitor manufacturer. Their product is conductive polymer including solid capacitor/ chip capacitor with low profile ultra low ESR, high temperature resistant and long endurance.

Partnerships: ASUS, Lenovo, NVIDIA

Certification: ISO 9001, ISO 14001

5

Auden Techno Corp. 耀登科技股份有限公司

www.auden.com.tw/en/home-en/

Auden designing and manufacturing of car radio AM/FM Antenna. Auden based on communication technology, with cross-disciplinary expansion and integration services such as Wireless Communication Business and Smart Link 5G mmW Business.

Partnerships: Zebra, DENTSU

Certification: ISO 9001, ISO 14001

6

Grand-Tek Technology Co., Ltd. 榮昌科技股份有限公司

<https://www.grand-tek.com/en/index.aspx>

GTT provide complete electronic components integrated design and manufacturing services, their product applications cover from DSRC, automotive assemblies, smart grid, transportation antenna, industrial antenna and related technical services.

Partnerships: Confidentiality

Certification: ISO 9001, ISO 14001, IATF16949, IECQ QC: 080000

7

Harmony Electronics Corp. 加高電子股份有限公司

www.hele.com.tw/

H.ELE. specializes in quartz crystals (xtal), crystal oscillators (osc), and other electronic parts and products in relation to quartz. Their products applications from consumer products to high grade industrial and automotive uses.

Partnerships: Samsung, LGE, Sony, Whirlpool, Honeywell

Certification: IATF 16949, SONY GP, ISO 9001, ISO 14001

8

Holy Stone Enterprise Co., Ltd.**禾伸堂企業股份有限公司**www.holystone.com.tw/

Holy Stone provides both active and passive components, but manufactures its own products. Holy Stone is now officially a part of automotive supply chain, striving to develop passive components aiming to facilitate energy conservation and increase energy conversion efficiency.

Partnerships: Samsung, LGE, Sony, Whirlpool, Honeywell

Certification: ISO 9001, ISO14001, IATF16949, IECQ QC080000 RoHS

9

INPAQ Technology Co., Ltd.**佳邦科技股份有限公司**www.inpaqgp.com/

INPAQ provides circuit protection components and antenna products for computing, communication, consumer electronics, and automotive electronics. Their product lines include Circuit Protection, EMI/EMC Solution, Power Solution and RF Antenna.

Partnerships: ASUS, Lenovo, NVIDIA

Certification: ISO 9001, ISO 14001

10

Kaimei Electronics CORP.**凱美電機股份有限公司**jamicon.teapo.com/index_en.aspx

KAIMEI is a manufacturer of Aluminum electrolytic capacitor and motor fans. For automotive applications, their products can be used in Cockpit, In-Vehicle Information and Automotive Infotainment systems.

Certification: IATF 16949, ISO 9001, ISO14001, IECQ QC080000, OHSAS18001, RoHS, REACH

11

Lelon Electronics Corp. 立隆電子工業股份有限公司

www.lelon.com.tw/en/

Lelon offers a diversified product line of electrolytic capacitors, which includes Aluminum Electrolytic Capacitors and Organic Conductive Polymer Capacitors. Lelon's products are extensively used in the high-end fields of automotive electronics, telecommunication, cloud computing and power electronics.

Partnerships: Samsung, LGE, Sony, Whirlpool, Honeywell, ISO 14001, IECQ QC080000, RoHS

Certification: IATF 16949, ISO 9001

12

TA-I Technology Co., Ltd. 大毅科技股份有限公司

www.tai.com.tw/

TA-I is one of the world's largest chip resistor suppliers. The components have been widely applied to products in the field of 3C and automotive industry, like Thick film chip resistors.

Partnerships: Confidential

Certification: ISO 9001, RoHS, IECQ QC080000, IATF 16949, ISO 14001, SONY GP, ISO 45001

13

Taiwan Chinsan Electronic Industrial Co., Ltd. 台灣金山電子工業股份有限公司

www.chinsan.com/welcome/

Chinsan focusing on design and manufacturing of electrolytic capacitors. Main products include Aluminum electrolytic and polymer which can be used in automotive.

Partnerships: Confidential

Certification: IATF 16949, ISO 9001, ISO 14001, SONY GP, OHSAS18001

14

Thinking Electronic Industrial Co., Ltd. 興勤電子工業股份有限公司

www.thinking.com.tw/

Thinking provides a broad line of protective circuit components, including over-voltage protection, over-temperature protection, and over-current protection. Thinking automotive solution includes Ceramic PTC Thermistor, Metal Oxide Varistor, Temperature Sensor and TVS Diode.

Partnerships: Confidential

Certification: IATF 16949, ISO 9001

15

TXC Corporation 台灣晶技股份有限公司

www.txccorp.com/index_en.php

TXC is a professional frequency control and sensor solutions provider. Dedicated in crystal and oscillator R&D, design and production. TXC offers a wide range of automotive crystals which can be used in ADAS, TPMS and Infotainment & Telematics System.

Partnerships: Apple, Motorola, Samsung, HP

Certification: IATF 16949, SONY GP, ISO 9001, ISO 14001

1

AU Optronics Corp. 友達光電股份有限公司

auo.com/en-global

AUO is a display products and V2X solution provider. In addition to creating differentiated values in consumer goods, AUO developing smart solutions to meet the diverse needs of the market, like niche products for transportation, retail, commerce, industry, and medical care sectors. For smart vehicles, AUO provides large one-piece displays for front seats and center consoles, also achieve IoV software and hardware integration.

Partnerships: Samsung, Automotive related clients

Certification: ISO 14001

2

Innolux Corporation

群創光電股份有限公司

www.innolux.com/Pages%2fen%2fIndex_en.html

Innolux possess a complete range of 3.5G, 4G, 4.5G, 5G, 6G, 7.5G, and 8.5G-8.6G production line, making it the world's total display solutions provider offering a full range of large/medium/small LCD panels and touch-control screens. Innolux offers advanced display integration solutions, including 4K2K ultra-high resolution, 3D naked eye, IGZO, LTPS, AMOLED, OLED, and touch-control solutions.

Partnerships: BMW, Ford, General Motors, TESLA, VOLVO, Amazon, Apple

Certification: ISO 14001, ISO 9001, ISO/TS 16949, ISO13485, IECQ QC080000, ISO 17025

3

Advanced Optoelectronic Technology, Inc.

榮創能源科技股份有限公司

www.aot.com.tw/en/index.htm

AOT specializes in commercialization of SMD LEDs technologies. Main products include Chip LEDs, Top LEDs, Side emitted LED, Lighting Applications and UV Light.

Partnerships: Nichia, LGE, Samsung, Huawei, TPC, Haier

Certification: ISO 14001, ISO 9001, ISO/TS 16949, IECQ QC080000

4

Coretronic Corporation

中強光電股份有限公司

www.coretronic.com/en

Coretronic was the first LCD backlight module manufacturer in Taiwan and it has taken the lead in developing and mass-producing the smallest and lightest VGA single-panel LCD projectors and XGA DLP projectors in the world through integrated its leading technology.

Partnerships: AUO, SAMSUNG, LG

Certification: ISO 14001

5

Edison Opto Corp. 艾笛森光電股份有限公司

www.edison-opto.com.tw/?lang=en

Edison Opto provides complete LED lighting product line, which ranges from components, AC/DC modules, light strips, street/outdoor lighting, horticulture lighting and automotive lighting. In particular, it established the integrated lighting design manufacturing service, LDMS, to help customers manage every issue while designing LED lighting products.

Partnerships: Europe & America Automovie Lighting OEMs

Certification: ISO 14001

6

EPI LEDS Co., Ltd. 光鋇科技股份有限公司

www.epileds.com.tw/en/

EPI LEDS devoted to the R&D, design, manufacture and sales of blue, green, red, and white light LED wafers and chips, which has a wide range of applications, such as automotive lightings, traffic signals, illuminators and so on.

Partnerships: Asia LED packaging companies

Certification: ISO 14001, ISO 9001, ISO/TS 16949

7

HannStar® Display Corporation 瀚宇彩晶股份有限公司

www.hannstar.com/Index.aspx?versionID=en-US

HannStar® specialized in the manufacturing of TFT-LCD products which apply to monitor, notebook, tablet, PND/car display, mobile, wearable, etc.

Partnerships: Dell, HP, Samsung, LGE, TPV

Certification: ISO 14001, ISO 45001, OHSAS 18001, ISO 50001

8

Harvatek Corporation 宏齊科技股份有限公司

www.harvatek.com/en/

Harvatek is one of the leading manufactures of semiconductor chips and LEDs with a wide spectrum of applications. Harvatek is proficient in the design and manufacturing of SMD LEDs, providing excellent backlight, indication, and keypad lighting solutions for the mobile device industry.

Partnerships: Avago, OSRAM, Seoul Semi

Certification: ISO 14001, ISO 9001, ISO/TS16949, OHSAS 18001, ISO 45001, Sony GP

9

Opto Tech Corporation 光磊科技股份有限公司

www.opto.com.tw/en/Default.aspx

OPTOTECH offers optoelectronic semiconductor integrated solutions, from epitaxial materials and chips manufacturing, component packaging, to LED applications. OPTOTECH provides various products, such as silicon-based Photodiode, Phototransistor, and Zener diode. Cutting-edge products includes InGaAs PD and VCSEL.

Partnerships: US & Korea brands

Certification: ISO 14001, ISO 9001, ISO/TS 16949, ISO 45001, ISO 14064-3

10

RiTdisplay Corporation 鍊寶科技股份有限公司

www.ritdisplay.com/index.php/en/

RiTdisplay invests in R&D and manufacturing of the OLED. RiTdisplay combines the cutting-edge technologies, innovative R&D, and customer-oriented sales and marketing strategies to provide the most advanced flat-panel display products.

Partnerships: Fitbit, Garmin, Huami

Certification: ISO 14001, ISO 9001, ISO/TS 16949

1

Largan Precision Co., Ltd. 大立光電股份有限公司

www.largan.com.tw/index_en.php

Largan is a global leader in plastic aspherical lens design and production, who develop various miniaturized optical components. Applications include cellphone/ NB lens, web cam lens, automotive lens, scanner lens, etc.

Partnerships: APPLE, RIM, Huawei, Xiaomi, Automotive customers

Certification: IATF16949, ISO14001, ISO 9001, OHSAS 18001

2

Genius Electronic Optical Co., Ltd. 玉晶光電股份有限公司

www.gseo.com/en/index.php

An optical technology company with vertical integration of optical design, equipment development, process development and manufacturing to provide full service optical solutions including Mobile lenses, Automotive lenses and AR/VR optics. Supply lenses for cameras used in RVC, AVM and ADAS systems.

Partnerships: APPLE, LED lighting customers

Certification: IATF16949, ISO14001, ISO 9001

3

Asia Optical Co. Inc. 亞洲光學股份有限公司

www.asia-optical.com/index.php?serial=&lang=en

Asia Optic focuses on optics, mechanics, and electronics. Majors in optical components, lens, automobile optronics, optical communications, compact lidar modules, etc.

Partnerships: Fujifilm, Nikon, Pioneer, TESLA

Certification: IATF16949, ISO14001, ISO 9001

4

Calin Technology Co., Ltd. 佳凌科技股份有限公司

www.calin.com.tw/eng/

Calin provides high precision optical lens and components, include all types of optical lenses and all customized development services. Main products include automotive camera, Security camera lens, Projector lens, Digital Camera Lens, DSLR, industrial lenses, and medical endoscopy lens.

Partnerships: TESLA, D elphi, Canon

Certification: IATF16949, ISO14001, ISO 9001, IECQ QC080000, ISO 45001

5

Bison Electronics Inc. 百辰光電股份有限公司

www.bisontech.com.tw/

One of the leaders in designing and manufacturing camera modules and computer peripheral related products with image processing. Mainly in safe zone waring and viewing system for vehicle, wireless viewing and recording systems for vehicle, object detection system with distance and surrond view camera modules.

Partnerships: LCFC, Asia customers

Certification: IATF16949, ISO14001, ISO 9001

6

H.P.B. Optoelectronics Co., Ltd. 合盈光電科技股份有限公司

www.hpbint.com/en/

H.P.B as a professional designer and manufacturer of optical components and electronic imaging productions, provides automotive carmera, lens and ICM (intelligent camera module).

Partnerships: Valeo, Kyocera, Panasonic

Certification: IATF16949, ISO14001, ISO 9001

7

Kinko Optical Co., Ltd. 今國光學工業股份有限公司

www.kinko-optical.com/eng_index.asp

With three production divisions - glass lens polishing, plastic lens injection, and molding glass injection. Offer DSLR, mobile phone, gaming, surveillance, automotive lens, IoTs, near infrared products (VR, AR), and thermographic camera.

Partnerships: Canon, Panasonic, Nikon, Magna

Certification: IATF16949, ISO14001, ISO 9001, Sony GP

8

Newmax Technology Co., Ltd. 新鉅科技股份有限公司

www.newmax.com.tw/eng/

Newmax devoted in various types optics application product needs the optical lens and the optics mirror prime design, the research and development. Products include RGB, FOD, 3D sensor camera, NB Cam, IR application camera and automotive optics.

Partnerships: Lenovo, Microsoft

Certification: IATF16949, ISO14001, ISO 9001

9

SOE Co., Ltd. 淳安電子股份有限公司

www.soe-ele.com/en/index_.php

SOE majors in automotive electronics and engineering, include automovie camera and automotive 3D Around View Monitor System.

Partnerships: MINTH GROUP, Japan & Mainland China automotive customers

Certification: IATF16949, ISO14001, ISO 9001

1

Advantech Co., Ltd. 研華股份有限公司

www.advantech.com/

Advantech is one of the global leaders in industrial IoT, and its specific goals are aimed at partnering for smart city and IoT solutions. In recent years, in line with technology trends in IoT, big data and AI, Advantech's WISE-PaaS IoT cloud platform was launched to expand industrial application solutions across many different vertical markets.

Partnerships: GE, IBM, Philips, Cisco

Certification: IATF16949, ISO14001, ISO 9001, ISO13485, ISO17025, ISO27001, ISO45001, TL9000, RoHS, WEEE, Sony GP, REACH

2

IEI Integration Corp. 威強電工業電腦股份有限公司

www.ieiworld.com/_index/en/

IEI's products are applied in computer-based applications such as factory automation, computer telephony integration, networking appliances, security, systems, and in fields like AI, IoT, national defense, police administration, transportation, communication base stations and medical instruments.

Partnerships: Europe & America customers

Certification: IATF16949, ISO14001, ISO 9001, RoHS, REACH, ISO 13485, ISO 2700, ISO 28000, ISO 45001, IECQ QC080000

3

AAEON Technology Inc. 研揚科技股份有限公司

www.aaeon.com/en/

AAEON produces integrated Industry 4.0 solutions, cutting-edge AI hardware, and IoT solution platforms that seamlessly consolidate virtual and physical networks. Their computing platforms include industrial motherboards and systems, industrial displays, rugged tablets, PC/104, PICMG and COM modules, embedded SBCs, embedded controllers, network appliances and related accessories.

Partnerships: Intel

Certification: IATF16949, ISO14001, ISO 9001, ISO 13485, 3C, CE, FCC

4

ACES Electronics Co., Ltd. 宏致電子股份有限公司

www.acesconn.com/

ACES specializes in connectors for consumer products including NB, mobile phones and digital cameras. ACES has a complete product line and specifications, solid R&D technology and professionalism, all in one shot from injection molding, stamping to finished goods.

Partnerships: TESLA, General Motors

Certification: IATF16949, ISO14001, ISO 9001, IECQ QC080000, ISO 45001

5

AIMobile Co., Ltd. 英研智能移動股份有限公司

www.aimobile.com.tw/

AIMobile, a Smart Solutions (AI + IoT) devoted to designing and manufacturing a diverse portfolio of industrial grade products that match a variety of industrial environmental needs. Their purpose-built solutions cover Retail, Hospitality, Medical, Healthcare, Logistic, Field Service, In-Vehicle, Factory and Public safety.

Partnerships: Canon

Certification: ISO 9001, ISO 13485

6

ATrack Technology Inc. 威潤科技股份有限公司

www.atrack.com.tw/?lg=en

ATrack Technology provides the most reliable hardware and excellent service, specializes in GPS telematics hardware designing and manufacturing, and has a product portfolio including solutions for cars, trucks, containers & non-powered assets, trailers, and motorcycles.

Partnerships: Japan Automotive customer

Certification: IATF16949, ISO14001, ISO 9001

7

Kingpak Technology Inc. 勝麗國際股份有限公司

www.kingpak.com.tw/en

KINGPAK is a IC packaging suppliers. Leveraged on core TinyBGA packaging technology to achieve good heat dissipation, low energy consumption, small area, high capacity and high efficiency memory packaging application. KingPak is also developing the FIR Sensor, ToF Sensor and other automobile related packaging technology.

Partnerships: ON Semiconductor, Omnivision, Sony, STMicro

Certification: IATF16949, ISO14001, ISO 9001

8

NEXCOM International Co., Ltd. 新漢股份有限公司

www.nexcom.com/

NEXCOM integrates its capabilities and operates six global businesses, which are IoT Automation Solutions, Intelligent Digital Surveillance, Intelligent Platform @ Smart City, Mobile Computing Solutions, Medical & Healthcare Informatics and Network and Communication Solutions.

Partnerships: Mainland China, America, Europe Automotive related application customers

Certification: IATF16949, ISO14001, ISO 9001, ISO 45001, ISO 13485, OHSAS 18001

9

Wieson Automotive Co., Ltd. 驊盛車用電子股份有限公司

www.wieson-auto.com/index.php?lang=en

Wieson Automotive had been dedicating on manufacturing and developing in 7 major solutions for over 20 years- Automotive Connector Solution, Automotive Wire Harness Solution, ADAS Interconnect Solution, Automotive Antenna Solution, Automotive data comm./ Charging Solution, elematics ADAS Solution and PCBA EMS.

Partnerships: Delphi Tier1, Hella, Osram, Tyco

Certification: IATF16949, ISO14001, ISO 9001

1

Cub Elecparts Inc. 為升電裝工業股份有限公司

www.cubelec.com.tw/index.php

Cub manufactures basic Electrical switches and developes swith improvement and innovation, such as gearbox solenoid valve, digital oil pressure sensor, digital air-con pressure sensor and digital power steering oil pressure sensor and so on.

Partnerships: China National Heavy Duty Truck Group, Standard Motor Products, Wells. MFG

Certification: IATF16949, ISO14001, ISO 9001, ISO 15623, ISO 17387

2

E-Lead Electronic Co., Ltd. 怡利電子工業股份有限公司

www.e-lead.com.tw/indexe.php

E-Lead is one of the leading Head-Up Display, ADAS and Automotive electronics devices manufactures. E-Lead starts to devote all the resource in optical projection head-up display, ADAS, I.O.V, digital dashboard, TPMS, rear seat infotainment system...etc.

Partnerships: FORD, TOYOTA, HONDA, NISSAN, MAZDA, SUZUKI, MITSUBISHI, DAIHATSU, HYUNDAI, GM, CHRYSLER, VW, HINO, LOTUS

Certification: IATF16949, ISO14001, ISO 9001, ISO 45001, Ford Q1

3

Mobiletron Co., Ltd. 車王電子股份有限公司

www.more.com.tw/

Mobiletron is a company capable of building up the technological-know-how in Optoelectronics, microelectronics, electronic controller software & hardware, and the processing of precision machinery in the industry. The products cover alternator's voltage regulators, rectifiers, high power rectifier, ignition module, wireless TPMS, AVM, and night vision system.

Partnerships: Stander Motor, Bosch, South East Motor, Chery

Certification: IATF16949, ISO14001, ISO 9001, OHSAS 18001, IECQ QC080000

4

Photic Electronics Co., Ltd. 峰鼎電子股份有限公司

photic.com.tw/

Photic is one of leading Vehicle Safety Vision System manufacturers in Asia, and has devoted to find solutions for integrating vehicle safety vision and multimedia vision systems. Product lines including ADAS, CAN System, New cloud monitoring anti-theft system, Wireless control system, Car recorder, TPMS and Car door warning light system.

Partnerships: TATA motors, China Motors, Denso, Toyota, Mitsubishi, Valeo

Certification: ISO 9001, TS169494

5

TungThih Electronic Co., Ltd. 同致電子企業股份有限公司

www.tungthih.com/en/index.php

TE is an automotive ADAS Technology Solution provider and manufacturer. They provide System Enablers, Ultrasonic Systems, Imaging System, 77 GHz Radar System, Fusion System etc.

Partnerships: TESLA, GM, Nissan, Ford, Volkswagen, Mitsubishi, Mazda, Suzuki

Certification: IATF16949, ISO14001, ISO 9001

6

Universal Microelectronics Co., Ltd. 環隆科技股份有限公司

www.umec.com.tw/

UMEC focuses on Products of Industrial Embedded system, IOT and Radar, and provides customers with ODM, Joint development or contract manufacturing service. UMEC product lines including Magnetic Components, Power Supplies, Information and Communication Components/ Products, Photonics Equipment and Components, LCM and TV products.

Partnerships: Confidential

Certification: ISO 9001, DNV QS9000, ISO 45001, ISO 14001, IECQ QC080000, IATF 16949, OHSAS18001

7

Vision Automobile Electronics Industrial Co., Ltd. 經昌汽車電子股份有限公司

www.visionsecurity.com.tw/index.php?lang=en

Vision makes products in almost every conceivable category of Automotive electronics including Car Alarming, Warning, Monitoring, Detecting and Sensing system, Auto Lighting system and the other aid kits to provide the best security and safety during car driving.

Partnerships: Mitsubishi, Toyota, Mazda, Ford, Suzuki, Nissan, Daihatsu, Honda, Hyundai, Kia, Proton

Certification: IATF16949, ISO14001, ISO 9001

8

Wistron NeWeb Corporation 啟碁科技股份有限公司

www.wnc.com.tw/index.php?lang=en

WNC offers comprehensive technical support in RF antenna design, software design, hardware design, mechanical design, system integration, user interface development, and product testing & certification.

Partnerships: SpaceX

Certification: ISO 9001, IATF 16949, TL 9000, ISO 17025, ISO 14001, ISO 14064-1, IECQ QC080000, ISO 45001, ISO 27001

9

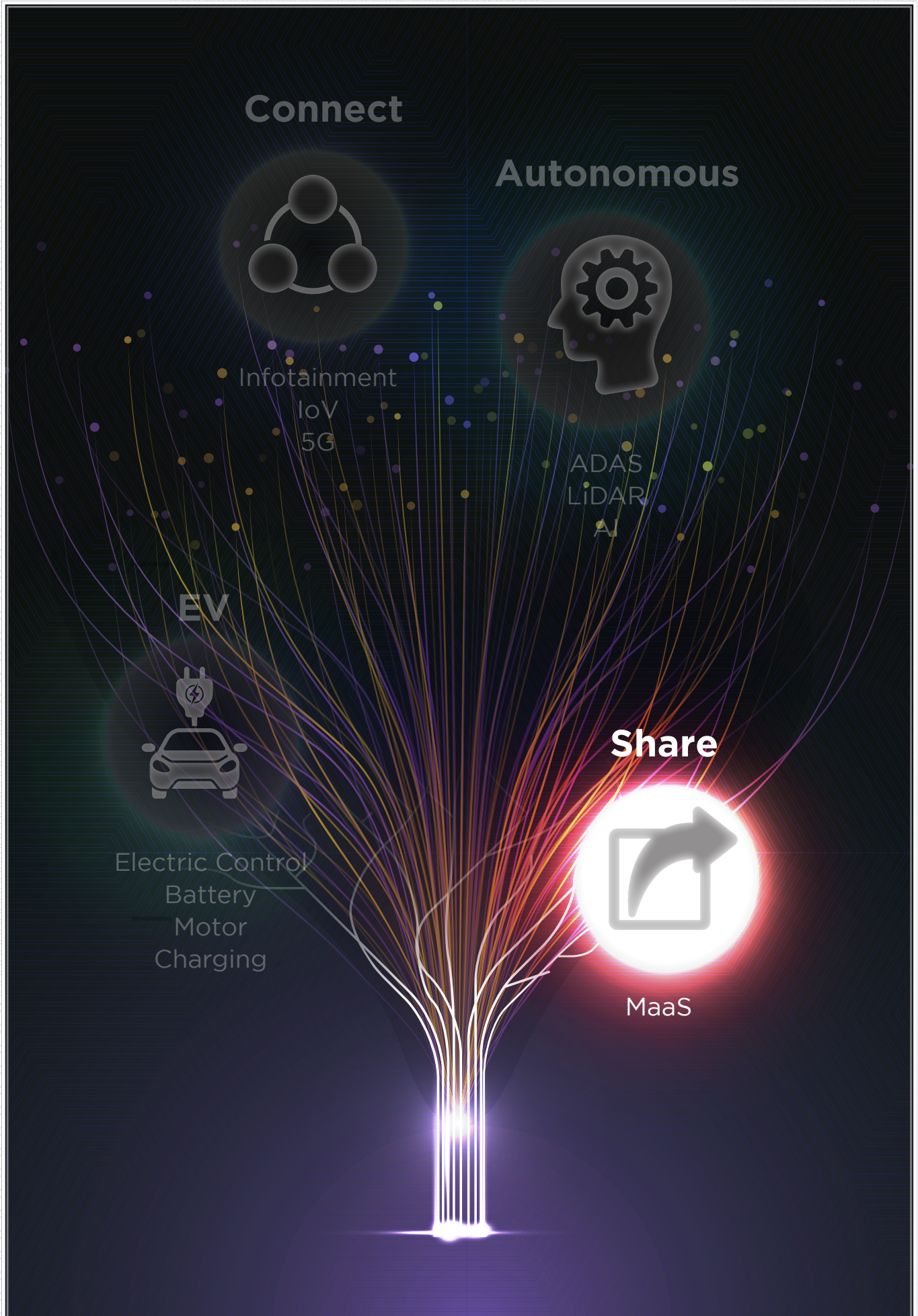
Whetron Electronics Co., Ltd. 輝創電子股份有限公司

www.whetron.com/en/index

Whetron started out with remote access products and later expanded to provide Parking Aid System, GEM/BCM, and keyless entry products. The product lines including Blind Spot Detection System, Auto Light System, Head-up Display, Digital Video Recorder with Safety Warning etc.

Partnerships: Chrysler, FORD, Hyundai, MAZDA, Toyota, Volkswagen, GM, NISSAN

Certification: ISO 9001, ISO 14001, IATF16949, OHSAS-18001, ISO/TS 16949



1

Advantech Co., Ltd. 研華股份有限公司

www.advantech.com

The ITA-3000 Series are Advantech's product offerings that target for Road Surveillance application. Products in this series feature high performance and wide operating temperatures (-25° ~ 60° C), making them the best offerings for traffic management.

2

Ceci Engineering Consultants, Inc. 台灣世曦工程顧問股份有限公司

www.eng.ceci.com.tw

Services in planning, design and construction supervision of freeway traffic control systems and urban area computerized signal systems. The firm also studies and plans traffic toll collection systems.

Certification: ISO 19650, ISO 9001

3

International Integrated Systems, Inc. 資拓宏宇國際股份有限公司

www.iisigroup.com/tw

Smart transportation-related services to meet customer management and scheduling needs in the areas of logistical support and land, sea and air transportation. These services use multi-level technologies of urban and freeway traffic management systems, and a transportation resource management system.

Partnership: Taipei Rapid Transit Corp., Taiwan Railways Administration, EVA Airways Corp., China Airlines

4

Moxa Inc. 四零四科技股份有限公司

www.moxa.com

Moxa's industrial Ethernet solutions facilitate the convergence of a variety of sensor, voice, and video data in real time by providing high-speed throughputs and a wide range of network interfaces. These help to improve traffic flow, reduce congestion, and improve incident response times.

Certification: ISO 9001:2000, ISO 14001

5

Nexcom International Co., Ltd. 新漢股份有限公司

www.nexcom.com

Global navigation satellite systems (GNSS), wireless data communication and computerized processing of sensor-generated data, which are used in railway telematics to collect, process, and share information on positioning, vehicle health, and railway line conditions.

Certification: ISO 9001:2008

6

Thi Consultants Inc. 鼎漢國際工程顧問股份有限公司

www.thi.com.tw

Professional services in the planning, engineering, operations, and management of transportation development projects such as the traffic control system in Taipei City and the smart bus management system in Keelung City.

Partnership: Taipei City Government, Keelung City Government

1

Hotai Motor Co., Ltd. 和泰汽車

pressroom.hotaimotor.com.tw

iRent offers 24-hour car and e-motor rental services. Yoxi is a newly-launched taxi-booking app that operates within Taipei and New Taipei Cities.

Partnership: The EasyCard Corporation

2

Kuo-Kuang Motor Transport Co., Ltd. 國光汽車客運股份有限公司

www.kingbus.com.tw/

Bus services throughout Taiwan, including intercity bus services, and local bus services in New Taipei City, Hsinchu, Taichung, Yilan, and Chiayi.

3

Kwang Yang Motor Co., Ltd. 光陽工業股份有限公司

www.kymco.com.tw/

Ionex Automated Transport Rental (ATR) stations are provided at transit stations in Kaohsiung for on-site rental of e-scooters and e-bikes to solves the “last mile” problem.

4

Lockists Co., Ltd. 林鬚子股份有限公司

www.lockists.com/

A scooter sharing platform that provides a smart lock controlled by the Lockists app, so that members can share their scooter with others when it is not in use. A customized scooter key can be "kept", "identified" and "stored" in the smart lock. Owners can also set the sharing price and retrieval time of their own scooter.

5

Metro Taxi Co., Ltd. 大都會衛星車隊股份有限公司

www.mtaxi.com.tw/

Taxi services in Taiwan. It also has a mobile app for easy reservations.

6

SKRT

skrt.com.tw

A platform for scooter owners to share their vehicles through hourly, daily, or monthly rentals. Riders can easily sign up through Facebook, Google or email, and coordinate a time and location to meet the owner. Users can drop the vehicle off within 500m of the designated drop-off location and end the rental.

7

7Starlake Co., Ltd. 喜門史塔雷克股份有限公司

7starlake.com

The driverless shuttle (EZ10) completes the first and last mile connections across Taipei, Kaohsiung, Tainan, Chungwa, and Yunlin cities. The driverless shuttle can connect not only to V2V and V2I data, but also other IoT to build a virtual smart corridor by picking up residents across cities in MaaS.

8

Taiwan High Speed Rail 台灣高鐵公司

tip.railway.gov.tw/

THSR consists of a railway line that runs approximately 350 km along the west coast, from the capital city of Taipei to the southern city of Kaohsiung (12 stations in total).

9

Taiwan Railways Administration 臺灣鐵路管理局

tip.railway.gov.tw/

A railway operator that manages, maintains, and runs conventional passenger and freight railway services on 1097 km of track. It has 12 lines with 241 stations throughout Taiwan.

10

Taipei Rapid Transit Corporation 臺北大眾捷運股份有限公司

english.metro.taipei/

A metro system serving Taipei and New Taipei cities, with 6 lines and 131 stations.

11

Wemo Scooter 威摩科技股份有限公司

www.wemoscooter.com

Launched in 2016, Wemo provides a smarter travel option with an easy-to-use vehicle sharing service. WeMo's services can be accessed through the app and rented at multiple public and cooperating parking lots 24/7.

12

YOUBIKE CO., LTD. 微笑單車股份有限公司

www.youbike.com.tw

the Taipei City Government, in collaboration with Giant Taiwan, initiated the Taipei Bike Sharing System Service Plan also known as "YouBike". Its services now cover ten cities in Taiwan.

Partnership: Giant Manufacturing Co. Ltd.

1

Acer iTs

宏碁智通股份有限公司

www.acerits.net/

On-street smart parking meter that shows roadside parking availability by automatically detecting when a car moves in and out of a parking lot. Payment can be made through an app, which also supports e-transactions for buses and parking lots.

2

Askey Computer Corporation

亞旭電腦股份有限公司

www.askey.com.tw/

Askey Smart Bus Stops display clear bus routes and real-time traffic information. If using the app, passengers can get real-time updates on bus routes and timetables. This system also offers e-payment possibilities. Partnership: Taipei City Government, New Taipei City Government

3

Easycard Corporation

悠遊卡股份有限公司

www.easycard.com.tw

Supports a cashless lifestyle through EasyCards that can currently be used at convenience stores, public transportation, some tourist attractions, for payment of utility bills, and so forth.

4

Far Eastern Electronic Toll Collection Co., Ltd.

遠通電收股份有限公司

www.fetc.net.tw

Builds and operates the Electronic Toll Collection (ETC) System for freeways nationwide, and is responsible for the Taiwan ETC total solution, including front-end and back-end systems, as well as the business model, from planning, designing, building, and testing, to operation.

Partnership: Freeway Bureau, MOTC

5

Goyourlife Inc.

研鼎智能股份有限公司

www.goyourlife.com

GOLiFE digital map for fleet management and car dispatch is based on an 1/5000 orthophoto base map from Aerial Survey Office. It includes reference to geographic information, photogrammetry, remote sensing, satellite imagery and other technical information, combining the information from investigation teams and user feedback.

Partnership: PAPAGO Inc.

6

Hanjentek Co., Ltd.

漢晶股份有限公司

www.hanjentek.com/index.html

Smart bus stops in Taipei city, including those that utilize solar power. When fully charged using solar power, these bus stops can operate for a month without sunlight.

7

Kingwaytek Technology Co., Ltd. 勤崑國際科技股份有限公司

www.kingwaytek.com

A map database containing navigational street networks, POIs, addresses, city models, and 3D photo-realistic building models. It is widely used in various applications, including web map portals (e.g. Google Maps), mobile applications, and Portable Navigation Devices (PNDs).

Partnership: Google LLC

8

Maxwin Technology 銓鼎科技股份有限公司

www.maxwin.com.tw/

Leading solutions for Intelligent Transport Systems, especially the APTS (Advanced Public Transports System), including dynamic bus arrival and departure information, and e-bus stops.

9

Mitac International Corp. 神達電腦股份有限公司

www.mic.com.tw

Bus ticketing system supporting a number of electronic tickets, and which can also process card transactions. Its ticketing vending machine assists with ticket sales, payment collection, ticket issue and top-ups.

Partnership: Taiwan High Speed Rail, Taipei Rapid Transit Corporation

10

Parktron Technology Co., Ltd. 博辰科技股份有限公司

www.parktron.com/

Ticketed (barcode, Mifare card, token) or ticket-less (by LPR technology) car park access control, cash and cashless (mobile phone, NFC, prepaid card, credit card) implementation, PGS (parking guidance system), discount system, and membership management.

11

Pklotcorp Inc. 大聲公行動股份有限公司

www.autopass.xyz/

App for one-click payment for refueling and street parking fees. It can also be used in car parks with plate recognition.

12

Systems & Technology Corp. 康訊科技股份有限公司

www.systech.com.tw/

Intelligent Bus Telematics System for efficient management of bus routes, provision of real-time bus schedules for passengers, management of drivers by monitoring driver behaviors to improve safety, and instant accident notification to reduce loss caused by accidents.

Partnership: Advantech Co., LTD., Garmin LTD.

13

Ms Technologies Co., Ltd. 景翊科技股份有限公司

www.tms.com.tw

Various traffic solutions, including traffic light management systems, traffic management systems and so forth. It has an application programming interface (API) that helps to link data across different modes of transportation such as trains, buses, metros, ferries and

Partnership: Ministry of Transportation and Communications

14

Wan Da Tong Enterprise Co., Ltd. 萬達通實業股份有限公司

www.taipeibus.com.tw

Manages Taipei Bus Station, and launched the first mobile application to integrate the ticketing systems of more than nine local and intercity bus providers. Users can buy bus tickets directly through the app, and use QR codes as tickets when they board buses.

1

Metropia Taiwan 美創資通股份有限公司

www.metropia.com

Works with Ministry of Transportation and Communications (R.O.C.) to develop the app “UMAJI+,” integrating services for several transport modes according to customer’s needs and selling tickets to the entire travel route as needed.

Partnership: Ministry of Transportation and Communications

2

Infochamp Systems Corp. 中冠資訊股份有限公司

www.icsc.com.tw

Partnered with ticketing companies, various transport options, and the government to launch “MeN Go,” a value-added app providing mobility access with a single payment channel. “MeN Go” was awarded the ITS Application Award by ITS Taiwan in 2020.

Partnership: Kaohsiung Rapid Transit Corporation

About TAITRA

Founded in 1970, TAITRA is Taiwan's foremost nonprofit trade promoting organization. Sponsored by the government and industry organizations, TAITRA assists enterprises to expand their global reach. Headquartered in Taipei, TAITRA has a team of 1,300 specialists and operates 5 local offices in Taoyuan, Hsinchu, Taichung, Tainan and Kaohsiung as well as 63 branches worldwide. Together with Taipei World Trade Center (TWTC) and Taiwan Trade Center (TTC), TAITRA has formed a global network dedicated to promoting world trade.

Core Missions

- To assist Taiwanese businesses in developing international market.
- To collaborate closely with Taiwanese government in trade policy implementation.
- To provide business consultation service and connect international firms with Taiwanese partners.
- To assume the role of “Smart Integrator” - complement government policies, facilitate industry needs and develop new business opportunities around the world.

Main Services

- Global Marketing
- Taiwan Industry Enhancement Project
- Promoting the Service Sector
- Market Research and Publication
- Digital and E-commerce Marketing
- Gaining Trade Insights with Trade Data Analytics
- International Trade Institute
- Taiwan International Trade Shows
- Exhibition and Convention Venues
- External Relations



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www.TaiwanTradeShows.com.tw

