

ABOUT ALLSOR

Founded in 2006, ALLSOR has ontinuously innovated technology for customers and provided excellent solutions for e-sports power supply, 5G technology, medical information transmission technology, smart TV, smart phone, tablet computer, voice assistant, wearable device And other products, provide lower power consumption and higher efficiency solutions and advanced TC applications for automotive electronics °

ALLSOR continues to uphold the business philosophy of integrity, professionali sm, innovation and service. It is a professional electronic component technology distributor and technical agent, and integrates the best 3C product resources to integrate a marketing platform to assist customers and manufacturer partners to purchase their products. Enter the best sales platforms and physical channels at home and abroad, provide customers and manufacturer partners with timely and accurate sales structure data and product differentiation, continuously optimize complete product solutions and service solutions, and create leading business opportunities and create global commerce for customers and manufacturers Leading position, bringing continuous and excellent profits!C

ALLSOR continues to implement the business philosophy of sustainable operation, and aims to create growth value with customers and manufacturers, and gradually become a trustworthy single/finished product sales integration solution for customers, and continue to expand domestic and foreign customer groups and establish globalization Marketing network, establish the best team at home and abroad, and become an innovative enterprise in the integrated marketing of electronic products with technology, professionalism and high-quality corporate culture, and insist on working with customers and manufacturers to stand out on the international stage with outstanding innovation!

AGENCY BRAND 2023





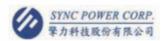




























江蘇捷捷微電子股份有限公司創建于1995年,是一家專業從事半導體分立器件、電力電子器件研發、製造及銷售的江蘇省高新技術企業。同时也是國內生產"方片式"單、双向可控硅最早及品種最齊全的廠家之一。

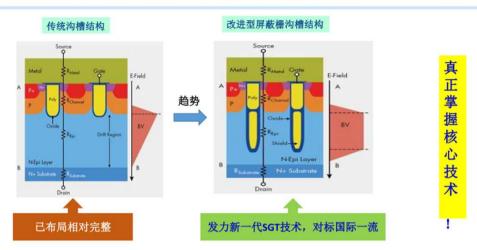
捷捷微註冊資本7000萬元,建有ERP、MES等基礎信息化平台。具有自主開發能力和自主知識產權,具有自己的產品結構特點和獨特工藝技術。

通過ISO9001:2008質量體系認証, ISO14001:2004環境管理體系認証, OHSAS18001:2007職業健康安全管理體系認証,產品符合UL電氣絕緣性要求,ROHS環保要求,REACH化學品註冊、評估、許可和限制要求,無鹵化要求等。

Milestones

- ·1995:成立"啟東捷捷微電子有限公司"
- ·1999:籌建3英寸芯片生產線,並于同年9月批量生產MJE1300系列芯片。
- ·2000:研制單、双向可控硅芯片
- · 2003:全面批量生產單、双向可控硅芯片。
- ·2005:公司通過ISO9000質量管理體系認証,產品通過SGS、UL法規檢測。
- · 2007: 研製双台面工藝技術,並于同年推出双台面結構產品。
- ·2008:封裝生產線技改擴產,增加TO-3P、TO-220A、TO-251/252系列可控硅封裝外形。
- ·2010:芯片生產線技改擴產,新建淨化廠房4800平米;同年研製並批量 生產TSS、TVS等防護類器件。
- ·2011:新芯片生產線投產,芯片工藝技術和產品質量穩步提升。
- ·2012:通過ISO14000環境管理體系認証;同年公司技術中心被認定為省工程技術研究中心。
- ·2013:公司首次拟公開發行股票并上市輔導公告;籌建二極管芯片生產線,並于同年11月批量生產;通過OHSAS18000職業健康安全管理體系認証
- · 2014:成立全資子公司"捷捷半導體有限公司"籌建二極體封装生產線



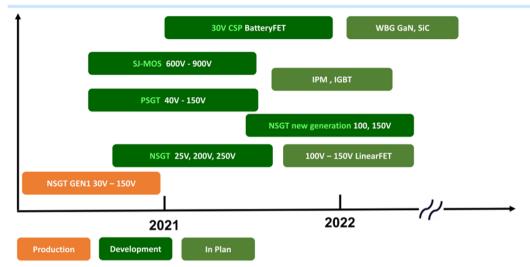


新一代屏蔽栅功率 MOSFET 技术能大幅降低传导和开关损耗,明显提升系统效率



Development Roadmap





供应链价值定位-打造供应链与产能保证优势!







Group - Providing You Hybrid and High Power Density Semiconductor Solutions

uPI Semiconductor Corp., founded in 2005, is an IC design house designs and manufactures analog and mixed-signal power management solutions in electronic systems.

uPI Group is later associated in 2008, when UBIQ Semiconductor Corp. was founded for Power MOSFET and TVS solutions. Utilizing semiconductor designs and system application know-how, uPI Group positioned itself as a solution provider for hybrid and high power density semiconductor products in computing, gaming, and mobility markets, as well as proprietary solutions in automotive and industrial applications.

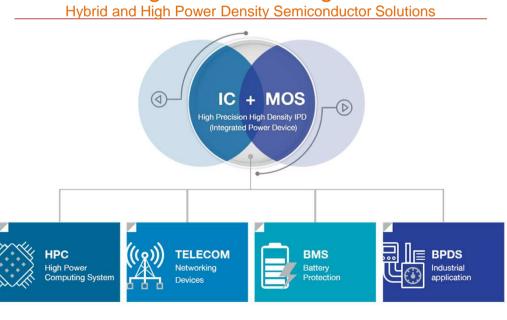
Our vision is to offer customers the total power management solutions of superior quality, performance, service, and cost. With more than 20 years of analog power and discrete device experiences, we offer high performance design services with full technology coverage and process development capability. Excellent wafer processing and deep packaging know-hows come standard by working closely with strategic foundries and assembly & testing partners.

Power Solutions for Today and Tomorrow

Milestones



Target Market & Segment





uPI Core Technology

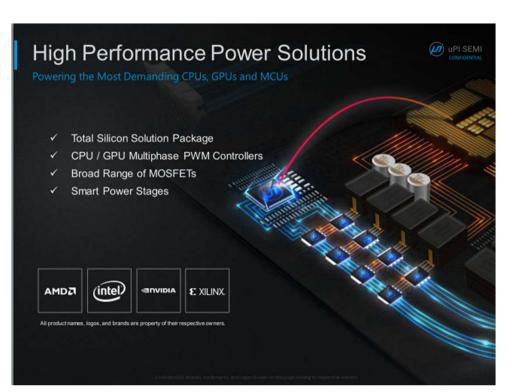


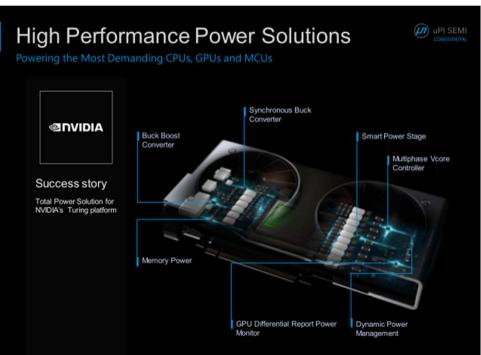
Value Proposition

Hybrid and High Power Density Semiconductor Solutions

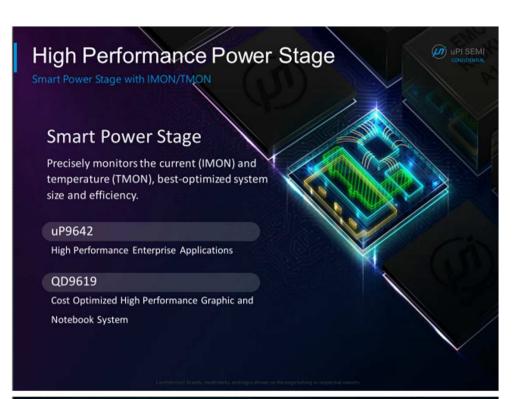






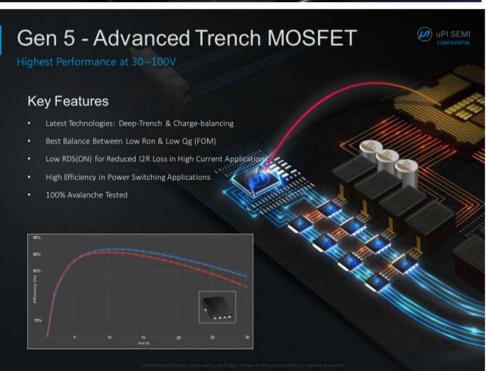


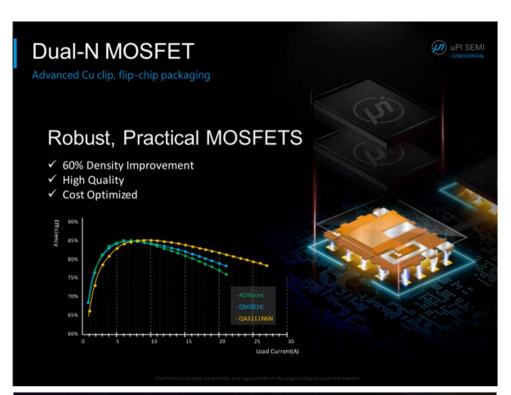


















The aims of PANJIT are providing prompt services and best products for our customers, and continuing to improve its expertise.

Founded in May 1986

PANJIT is a public company founded in May 1986. We are a semi-conductor manufacturer, and have IATF-16949,ESD S20.20,ISO-9001,ISO-14001,OHSAS-18001 certifications etc..

Vertical Integrated Technology

PANJIT is vertically integrated with IDM design capability, own wafer foundries and state-of-art production lines.

With insight observation and core technologies, PANJIT is able to continuously launch low profile products and accurate power rating devices which conforms to the customer needs.

PANJIT commits to serve customers with the best service, thus we have established sales offices worldwide. We have sites in North America, Germany, Korea and China which allows us to provide better and prompt service.

YOUR COMPONENT OUR PROFESSION

Milestones

2000

- -ISO 14001 certificated
- -PANJIT Wuxi Factory into operation
- -Joint venture wafer fab Pynmax

2013

Launch Super Schottky series

2019

- IBU organization established, and **R&D** centers

located in Hsinchu and San Jose, USA

1986 Technology set up

Establish of PANIIT

Sale discrete devices with the



2005

Maxdiode joint venture with PANJIT Samsung Eco Partner certificated and Sony & Asus Green Management

System Verification S16949 certificated



2016

Launch SBA series Schottky (ultra low VF / anti-reverse)



Successfully passed

the audit of full

IATF16949:2016

certificate

1999

PANJIT launches OCT in Taiwan



-Launch Small Signal product in the market -PANIIT launches IPO in Taiwan



2012

Develop

MOSFET

products



2015

-Launch SiC Schottky devices

-Launch Medium Voltage **MOSFET** devices

Products

Diodes

- · Switching Diodes
- Rectifiers
- FRED

MOSFET

- · Small Signal MOSFET
- MOSFET 20 40V
- MOSFET 60 -150V
- MOSFET 400 -1000V
- · Super Junction MOSFET 600 - 650V

Bipolar Transistors

2018

- · Small Signal Bipolar **Transistors**
- · Low Vce(sat) Power **Bipolar Transistors**

Schottky

- · Schottky Barrier 20 200V
- · Silicon Carbide base Schottky Rectifier 650 - 1200V

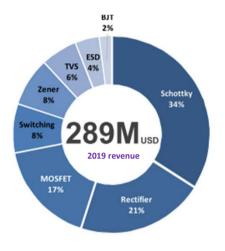
Protection Device

- · Transient Voltage Suppressors ≤ 6.6KW
- · General Purpose ESD arrays ≥ 0.2pF
- Zener diode ≤ 5W



Product blueprint

Proportion of products



Product development blueprint

MOSFET MOSFET 60 - 80V

- MOSFET 100 150V MOSFET 200 - 600V
- SJ MOSFET 600 650V

IGBT FS Trench IGBT 650 - 750V FS Trench IGBT 950 - 1200V

FRD Si FRD 600 - 650V Si FRD 1000 - 1200V



certificate

Standards	QS9000	ISO 14001	ISO 9001	IATF 16949	OHSAS 18001	ISO 45001	IECQ QC080000	ESD S20.20
PANJIT (TAIWAN)	1	1	1	1		1	1	1
PANJIT (Wuxi)	-	1	1	1	1	-	1	-
Pynmax	-	1	1	1	1	-	-	-



Core Value

By practicing our five core values, we create more value for our customers and industries, and become a good partner for our customers.

Accountability

We are proactive and brave in accepting challenges and will bring about fruitful results for each task carried out. Before a decision is made, everyone is entitled to make his/her voice heard. After a decision is made, it is respected unanimously and will be enforced to fulfill the ultimate goal. Courage is demonstrated when one steps into the white space.

Customer Focus

We are able to help internal and external customers increase their value and think ahead for the customers. As long as a promise is made, it will be fulfilled. Everyone involved in the Company will be aware of customer demand.

Mutual Trust and Collaboration

We are devoted to building a reciprocal and mutual-trust aura at work taking into consideration the maximum interest of the Company.

Innovation

Product innovation continues to address market demand. Innovation in the midst of culture answers to the corporate culture. Innovation during service makes external and internal customers satisfied.

Learning and Growth

Each individual is keen to learn, which helps accumulate the knowledge and skills required to support daily operations. By constantly enriching oneself, one gets empowered in undertaking responsibilities.

Business Concept

PANJIT holds the spirit of "Innovation", "Development", "Responsibility" and "Sustainability" and has "treating everyone/everything with integrity" as its underlying belief.









responsible for final results.



Fab And productivity

Pynmax

4"/5"/6" Wafer: 70,000 PCS/M 5"/6" Schottky Wafer : 50,000 PCS/M 6" ESD/TVS Wafer : 3,000 PCS/M 6" Zener Wafer : 3,000PCS/M

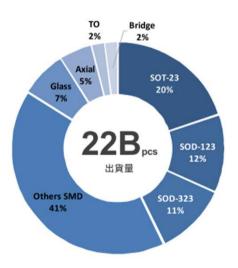
8": Setting up

PANJIT(Shandong)

4" ESD/TVS Wafer: 25,000PCS/M

Packaging and Productivity

RATIO



Productivity

PANJIT(TAIWAN) Packaging Small signal & SMD Bridge **Productivity** 1,700KK/M







CviLux was founded in 1990 under the leadership of Chairman Yang Chao Chun, the business philosophy is active, innovative, and effective. We are a world-leading OEM manufacturer of connectors, flat flexible cables, and cable assemblies which are used to the electronics industries such as industrial, laptop, automotive, communications, optoelectronics, IoT, computers, etc.

Our customers include some of the international renowned manufacturers, and our products are distributed to the EMS qualified manufacturers around the world including Europe, Asia, and America. We obtained the international quality systems and electronics industry certifications.

CviLux is a financially stable company listed on the TWSE (8103.TW), the headquarter is in Tamsui and the main manufacturing facilities located in Tamsui, Dongguan, Suzhou, Chongqing, Anhui, and Laos. CviLux aims to become a world-leading corporation in profitability and corporate branding. The vision is to have our shareholders and employees be part of the future success, when our products connect the world to you.

Strength

- $\cdot \ \text{Public Company under Well-organized Financial Condition}$
- · Qualified Supplier for well-known EMS Plant around the world
- · Well-developed Global Sales Channels
- Turnkey solution from Product Development to Production
- · Full Operation and Management Information System
- · International Qualification and Industrial Certificate

CONNECT THE WORLD CONNECT THE FUTURE



Milestones

- Established in 1990, CviLux's main business was trading connector-related injection-molding products and components.
- In 1996, CviLux was incorporated, and established the Product R&D Department. In the same year, CviLux obtained the ISO 9002 certification.
- In 2000, the mold processing and manufacturing center was established in Changping, Dongguan, which is responsible for the R&D, design, and production of precision mold, jigs, and automatic machines.
- In 2002, CviLux established CviLux Electronic Technology (Suzhou) Co., Ltd., the main businesses are manufacturing and sale the connectors and flat flexible cables. We obtained ISO 9001 certification. In September, 2002, CviLux became a publicly owned corporation.
- On May 22, 2003, CviLux was listed on the ESM and established Dongguan Qunhan Electronics Co., Ltd., engaged in the manufactures and sales of flat flexible cable and cable assembly.
- · On March 29, 2004, CviLux was listed on the GTSM.
- · In 2005, CviLux obtained ISO 14001 certification.
- In 2007, Hanchun Investment Co., Ltd. was established, the main business is for general investment.
- · On September 29, 2009, the Company was listed on the TWSE.
- In 2010, the Dongguan Changpingyi factory was turned into CviLux Electronics
 (Dongguan) Co., Ltd., the main businesses are manufacturing and sale the connectors.
 In the same year, CviLux established CviLux Electronic Technology (Chongqing) Co., Ltd. with the main business of manufacturing and sales the flat flexible cables and cable assemblies. CviLux Electronics (Chongqing) Co., Ltd. obtained QC080000 certification.
- · In 2012, CviLux obtained ISO 14064 and ISO TS16949 certification.
- In 2013, CviLux Technology (Shenzhen) Co., Ltd. was established, the main businesses
 are manufacturing and sales the connectors. In the same year, the Electronic Products
 Division is established for the develop and sale the Apple MFi licensed and certified
 electronic accessories including storage drives.
- In 2014, CviCloud Information Technology (Shenzhen/Hong Kong/Taiwan) Co., Ltd. was established with the main business of software and hardware system integration services. CviLux obtained OHSAS18001 certification.
- In 2015, AnHui CviLux Technology Co., Ltd. and CviLux Lao Co., Ltd. were established, the main businesses are manufacturing and sales the connectors and flat flexible cables.
- In 2016, Hanrou International Co., Ltd. was established with the main business of develops and sales of skin care products. In the same year, CviLux Type C Cable is certified by the USB IF.
- In 2017, CviLux was established in the United States, and in the same year, CviLux was awarded the TOP5000 The Largest Corporations in Taiwan by CCIS.

Certification

Quality Policy

Committed to quality improvement and stability, and gained customer trust and satisfaction

Enviromental Policy

CviLux Group is a leading manufacturer of connectors, flat flexible cables, and cable assemblies. The main materials used in the production process are: copper, plastics, and cables. We aim to protect the environment and achieve a sustainable development. CviLux Group is committed to continuous environmental improvement through:

- Regulatory compliance: comply with both local environmental regulations and international environment standards.
- Reducing production waste: promote production waste reduction to ultimately achieve pollution prevention.
- Green and sustainable design: adopt green product designs to reduce environmental impact.
- Education and training: regularly implement environmental education and training for all employees to raise environmental awareness in the workplace

Safety and Health Policy

- · Comply with safety and health laws, regulations, and other requirements
- Promote safety and health management education and training to raise the employees' safety and health awareness, establish and review safety and health management objectives
- Ensure workplace safety by strict pollution source control, infectious disease prevention, safety and sanitation facilities improvement, and hazard elimination
- Establish a good communication with the employees, suppliers, contractors, and related groups to ensure the CviLux environmental protection policies and requirements are fulfilled

Certificates

	ISO9001	IATF 16949	ISO14001	QC 080000	ISO 45001	ISO 27001
Taiwan	V		V	V		V
Dongguan	V	V	V	V	V	
Qunhan	V	V		V	V	
Suzhou	V	V	V	V	V	
Chongqing	V		V	V	V	

Environmental Protection

ESG

Environmental/HSF Policy

CviLux Group is a professional developer, manufacturer, and seller of connectors, flat flexible cables and wire harnesses. The main materials used in the production process are: copper, plastic, and wires. In order to do our part for environmental protection and ensure business sustainability, CviLux Group is committed to continuous improvement as well as the following:

- Compliance with Laws and Regulations: To comply with relevant environmental protection laws and regulations, and to strive to meet relevant international environmental protection standards.
- Waste Reduction in Production: To continue promoting waste reduction in production to make good on our commitment to prevent pollution.
- Green Design: To develop green product designs to reduce their environmental impact.
- Education and Training: To continuously organize environmental awareness education and training for all employees and to create an environmentally friendly workplace.

Safety and Health Policy

- To follow and comply with relevant safety and health laws, regulations, and other necessary requirements.
- To promote education and training activities related to safety and health management, to improve employees' safety and health awareness, while continuing to set and review safety and health management goals.
- To pay attention to pollutant control and the prevention of infectious diseases.

 To improve safety and health facilities and strive to eliminate harmful elements and conditions to ensure a safe and healthy workplace.
- To establish robust communication channels to communicate our environmental safety policies and related requirements to employees, suppliers, contractors, and relevant groups.



CYStech Electronics Corp. is one of Taiwan's leading companies in Power Device developing & supplying globally.

With more than 19 years' experience in developing technology and more than 25 years' experience in manufacturing Power Device, we are clear understanding of your specific needs to help you creat a competitive advantage.

With stringent control in manufacturing process, the superior quality products are broadly applied in the computing, consumer electronics, communications and industrial segments.

BACKGROUND

R&D 19 Years Design Experience in Power Device PRODUCTION 25 Years Production Experience in Power Device

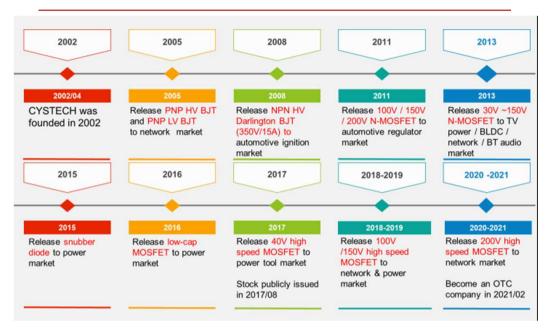
COMPANY QUALITY POLICY

Follow the requirements of environment and quality system, implement the quality service policy of CYS thoroughly.

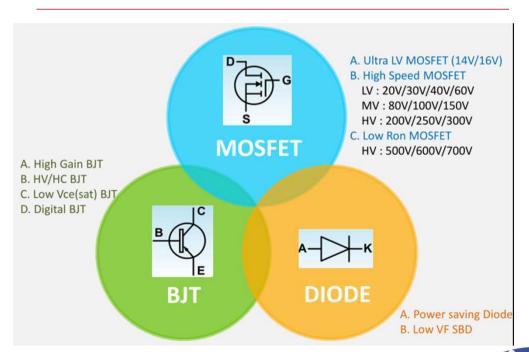
Advantage



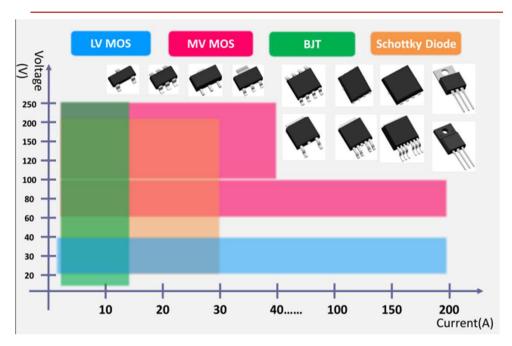
Milestones

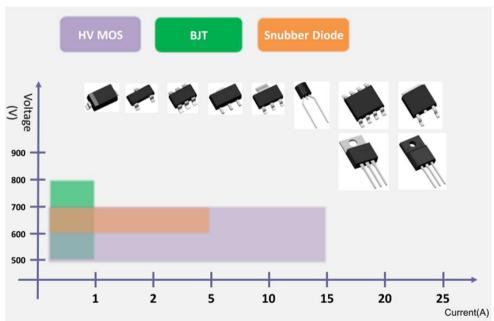


Product overview



Product lines



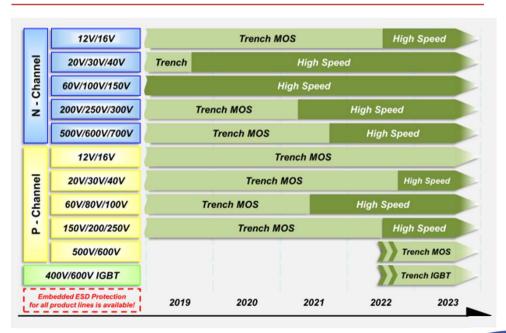




Quality Assurance System



Product Roadmap (MOSFET)





Excelliance MOS Co., Ltd. (EMC), founded in 2008, 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.

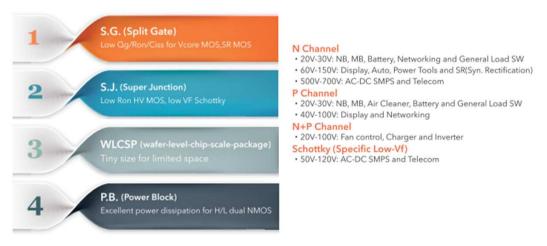
The manager and technical teams of EMC have over 15 years experience and had demonstrated their capability successfully. The developed devices can be applied widely to the power system of electronic products, such as, personal computer, notebook, pad, monitor, TV, LED lighting, switching power and other consumer electronics.

EMC consistently delivers inventive power solutions according to customers' requirement and adds value to end products by synthesizing technological innovation, uncompromised quality, and devotion to customer service.

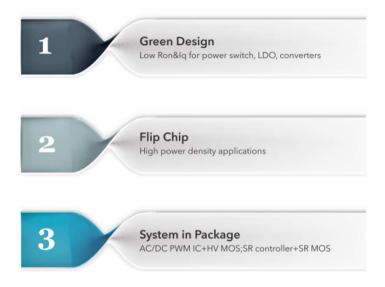
OUR UNIQUENESS

GREEN YOUR POWER

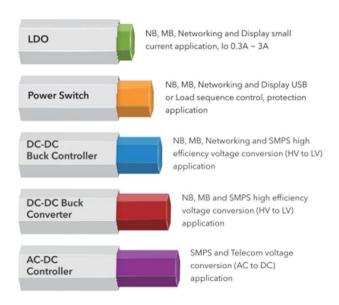
Core & Power MosFETs Family



Core of Power ICs

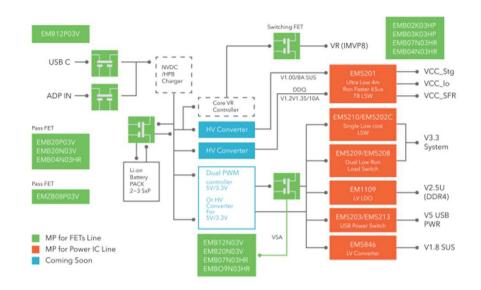


Power ICs Family

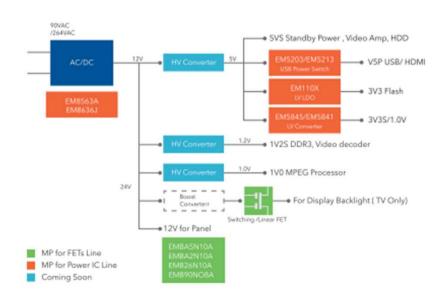




Power Solutions for NB & M/B

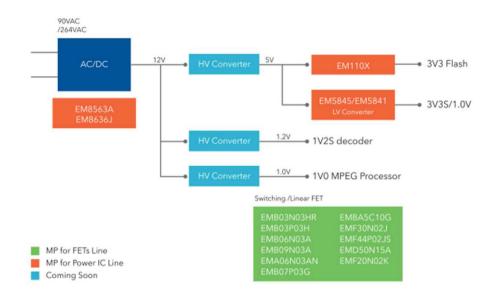


Power Solutions for TV & MNT

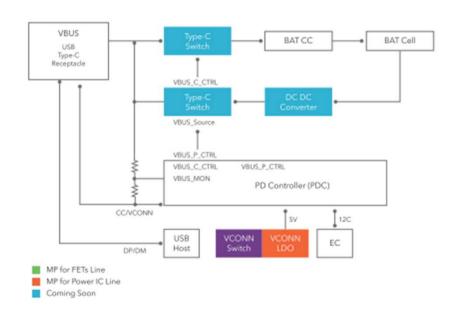




Power Solutions for Network



Power Solutions for USB-PD







Transphorm is a Pioneer and Leading Provider of Gallium Nitride ("GaN") Power Semiconductor Devices

Transphorm is a global semiconductor company, leading the GaN Revolution with the highest performance, highest reliability GaN devices for high voltage power conversion applications. To ensure this, Transphorm deploys its unique vertically-integrated business approach that leverages the industry's most experienced GaN engineering team at every development stage: design, fabrication, device and application support. This approach, backed by one of the industry's largest IP portfolios with over 1000 patents, has yielded the industry's only JEDEC- and AEC-Q101-qualified GaN FETs. Transphorm's innovations are moving power electronics beyond the limitations of silicon to achieve over 99% efficiency, 40% more power density and 20% lower system cost—and here's how we do it.

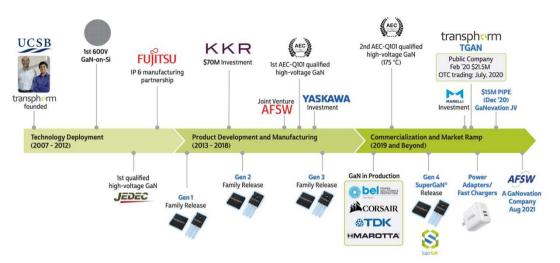
End Market Applications: Power Converters/Inverters

- · Automotive EV and Charging
- · Power Adapters / Compute
- · Data Center / Comm Infrastructure
- · Broad Industrial

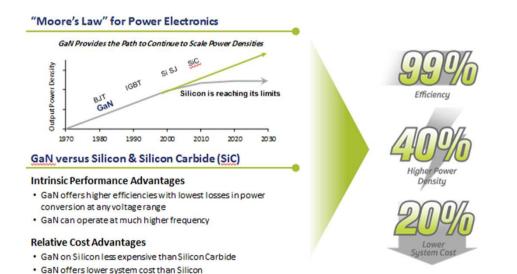
Products

- · Leader in high voltage 650V GaN, with a 900V offering
- · Comprehensive portfolio with multiple generations; 10 billion operating hours and <1 failure per billion hours in field
 - · First JEDEC and AEC-Q101 qualified 650V devices available in the market

Milestones



GaN is the Future of Power Semiconductors ...and Transphorm is a Pioneer & Leader in GaN!



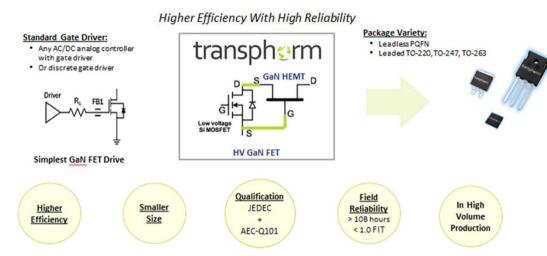
Roadmap for GaN to approach cost parity with Silicon

at device-level

Smaller, Lighter, and Cooler Power Systems

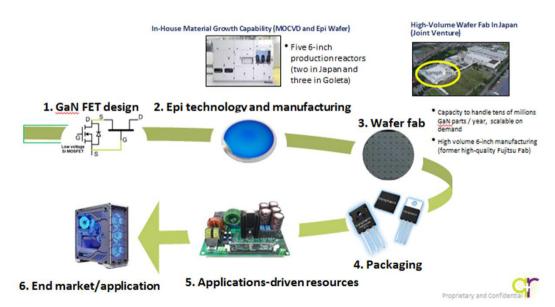
Drives Increased Functional Value

Transphorm GaN Advantage in Power Systems Efficiency, Simplicity of Design, and Gate driving, Reliability



In-House Capabilities Span Complete Value Chain

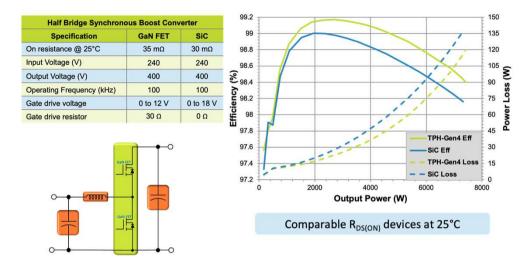
Control over the entire GaN technology value chain



SuperGaN® TP65H035G4WS vs. SiC MOSFET

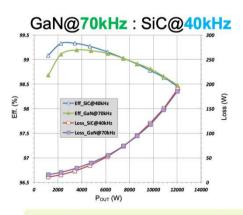
GaN wins at 100 kHz: up to 20% reduction in power loss 3 kW to 7.2 kW

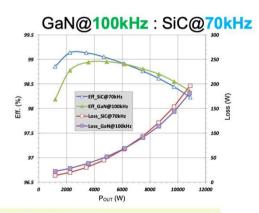




Performance Test—GaN vs. SiC at Various PWMs

Able to drive > 40% faster Switching and Achieve Similar Performance





12 kW: V_{IN}:240 V, V_{OUT}: 400 V Half-bridge Synchronous Converter

- GaN at 70kHz matches SiC at 40kHz at high power levels (75% higher frequency)
- GaN at 100kHz exceeds SiC at 70kHz at high power levels (43% higher frequency)

SuperGaN® TP65H015G5WS vs. SiC Cascode FET

GaN shows up to 30% reduction in power loss at 9.2 kW

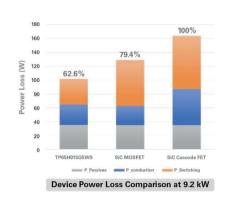


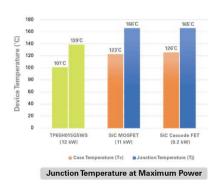
Specification	GaN FET	SiC
resistance @ 25°C	<u>15 mΩ</u>	<u>18 mΩ</u>
nput Voltage (V)	240	240
Output Voltage (V)	400	400
Operating Frequency (kHz)	70	70
Gate drive voltage	0 to 12 V	0 to 15 V
Gate drive resistor	15 Ω	0/50 Ω
<u> </u>	AMPET L	

SuperGaN® TP65H015G5WS vs. SiC Cascode FET

Reduction of 17% to 37% Power Loss Across both SiC Devices







Device Power Loss Comparison at *9.2 kW (*Limited due to USiC device junction temperature)

Maximum power Comparison (*SiC limited by device junction temperature)



Hsinchu

5F.-3, No. 6, Taiyuan 1st St., Zhubei City Hsinchu County 302, Taiwan (R.O.C.) Tel+886-3-560-1155

Taipei

10F., No. 68, Sec. 4, Chenggong Rd., Neihu Dist., Taipei City 114, Taiwan (R.O.C.) Tel+886-2-2792-4598

New Taipei

9F., No.19, Lane 3, Sec. 1, Jhongjheng E. Rd., Danshuei Dist., New Taipei City 251, Taiwan (R.O.C.)
Tel+886-2-2620-1000

Dong Guan

Room 101, No.3 Tai he road Huan Zhu Li Village Chang Ping Town Dong Guan City Guang Dong Province China Tel+86-769-82827098



E-mail: service@allsor.com