

PANJIT International Inc





Feb. 2020

- 關於強茂
- 產品應用和市場趨勢
- ■新技術發展



關於強茂

PANJIT Overview



PANJIT International Inc. is a leading global manufacturer dedicating in supplying high quality semiconductors, serving the consumer, green power, industrial, automotive, communication and computing segments.

- Capital: \$111 Million USD
- TWSE: 2481 (2001 IPO)
- Approximately 2,500 employees worldwide
- 2 front-end fabrication sites
- 2 back-end manufacturing sites







PANJIT Group





PANJIT International Inc.

Est. 1986.05

Product: Discrete Packaging & Testing





PANJIT Global Foot Print





Wafer Capability







璟茂科技

- 4"/5"/6" EPI Wafer: 70,000 pcs/month
- 5"/6" Schottky Wafer: 50,000 pcs/month
- 6" ESD/TVS Wafer: 3,000 pcs/month
- 6" ZENER Wafer: 3,000 pcs/month
- 8" wafer: In construction





PANJIT Shandong

■ 4" ESD/TVS Wafer: 25,000 pcs/month

Assembly Capability





Kangshan, Taiwan

Package:

Small Signal Devices/SMD Bridge

Capacity:

1,700 KK /month



Wuxi, China

Package:

Power Package Devices

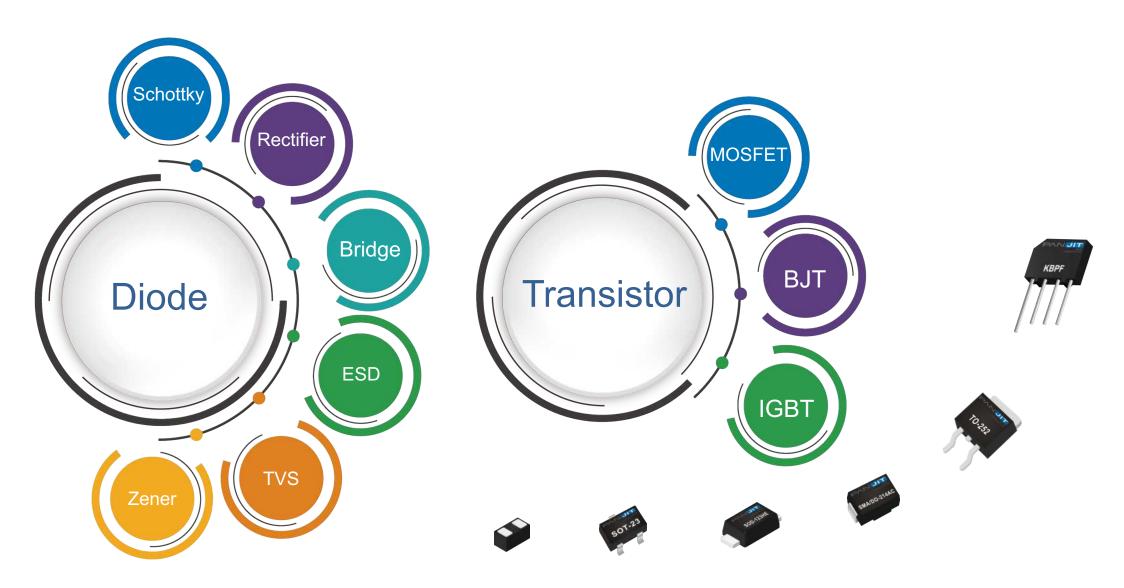
Capacity:

400 KK /month



PANJIT Product Function

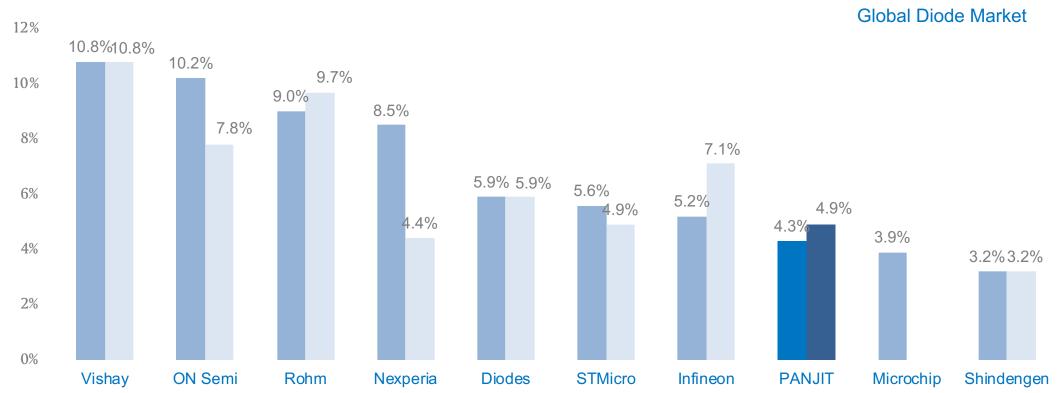




Global Diode Ranking & Market Share



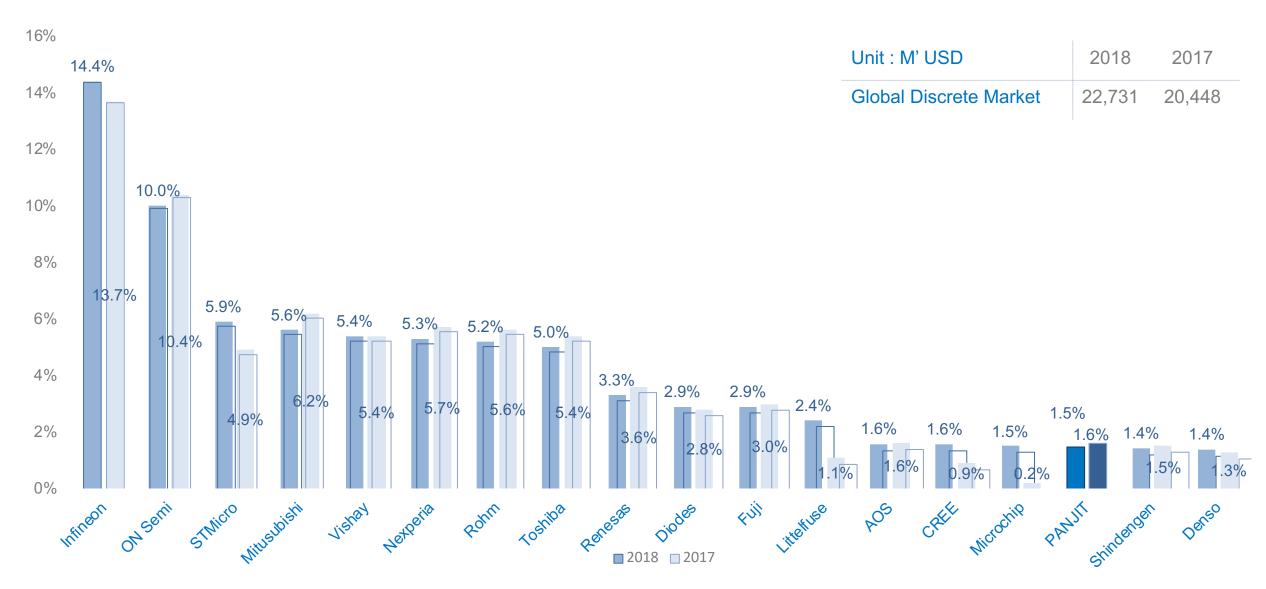
Unit: M' USD	2018	2017
Global Diode Market	6,393	5,903



2018 2017

Global Discrete Ranking & Market Share







產品應用和市場趨勢

Application Segment



Automotive



- Body
- xEV
- ADAS
- Infotainment
- Motor

Industrial



- Solar Junction Box
- LED Lighting
- Robotic
- Medical Equipment
- Motor

Power



- Quick charger
- Battery module
- UPS

Consumer



- UHD TV
- Set Top Boxes
- Camera
- Home Appliance

Communication



- Networking
- PoE
- VOIP
- Infrastructure

Computing



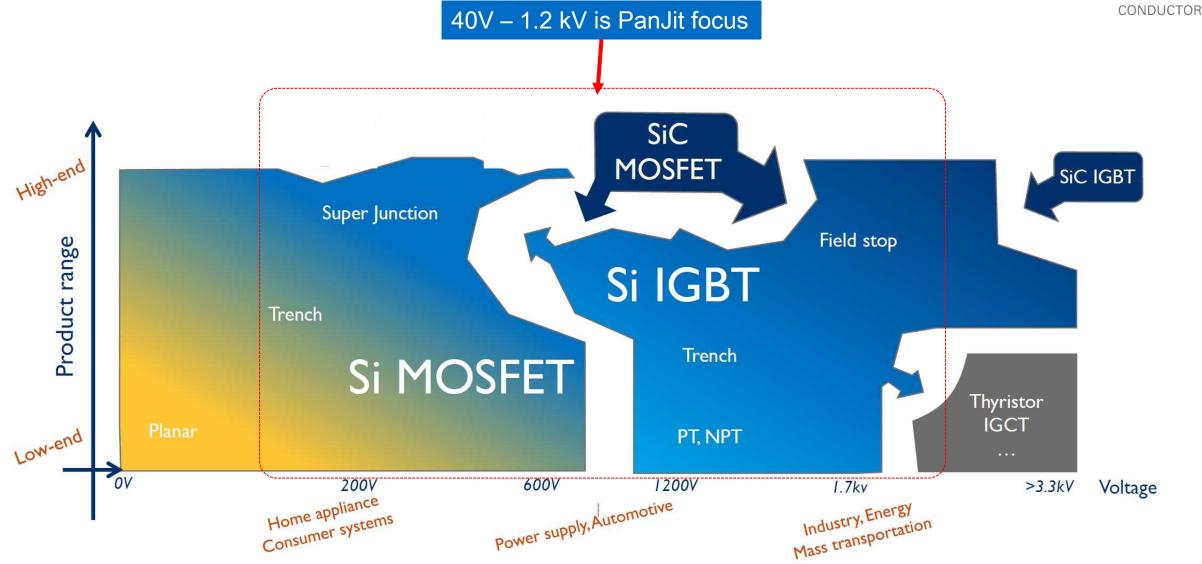
- Desktop PC
- Notebook PC
- Tablet
- Graphic Cards



新技術發展

PanJit Focus Power Discrete Technologies



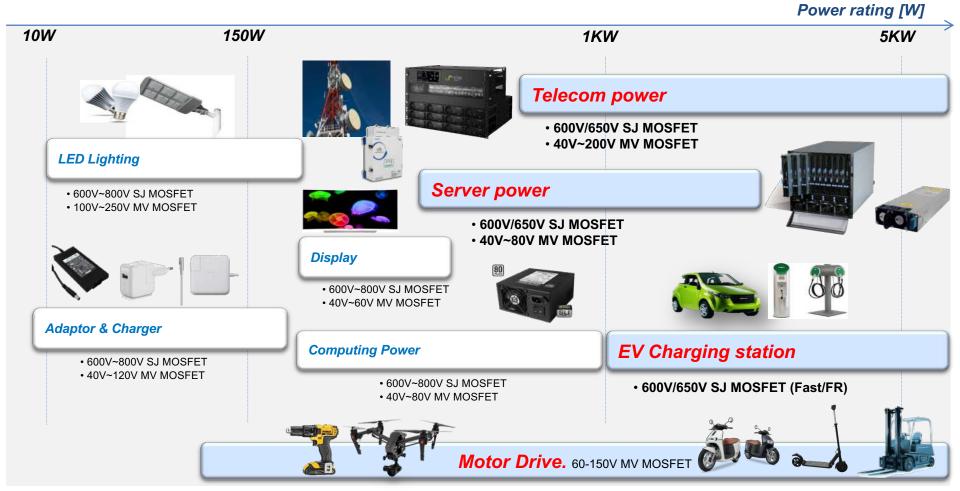




MOSFET

MV/HV MOSFET application





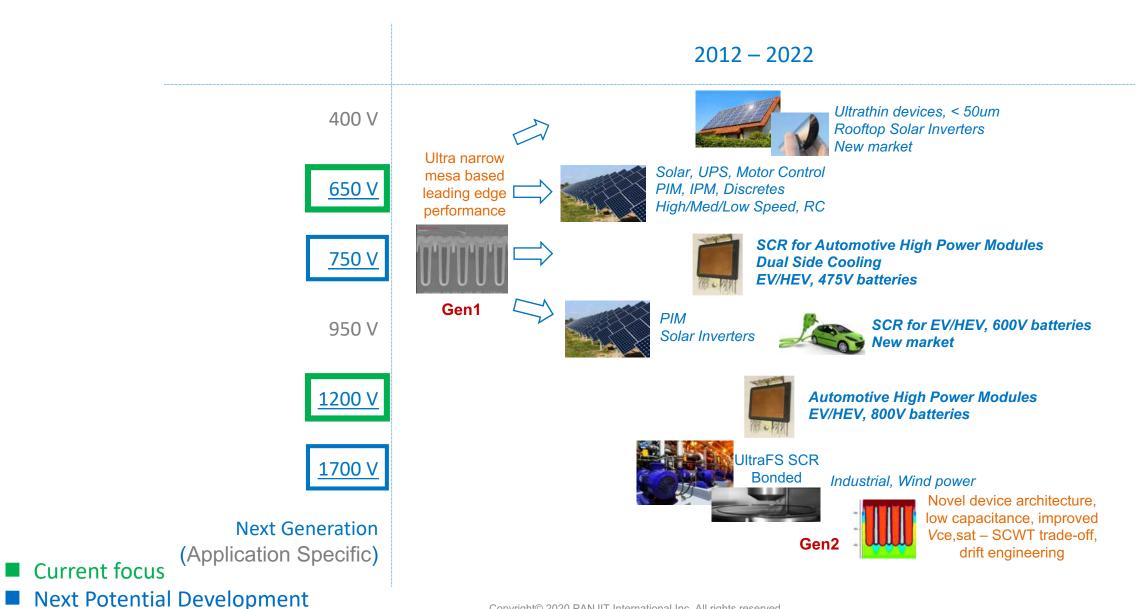
- Telecom power (TO220/F, TO247, D2PAK7L, PQFN56/88, TOLL)
- Server power (TO220/F, TO247, PQFN56/88, TOLL)
- EV Charging station (TO247, *TOLL*)
- Battery Powered Motor Drive (TO-220, D2-PAK, D2-PAK 7L, PQFN56/88, TOLL)



IGBT/FRD

IGBT Target Technology to Applications





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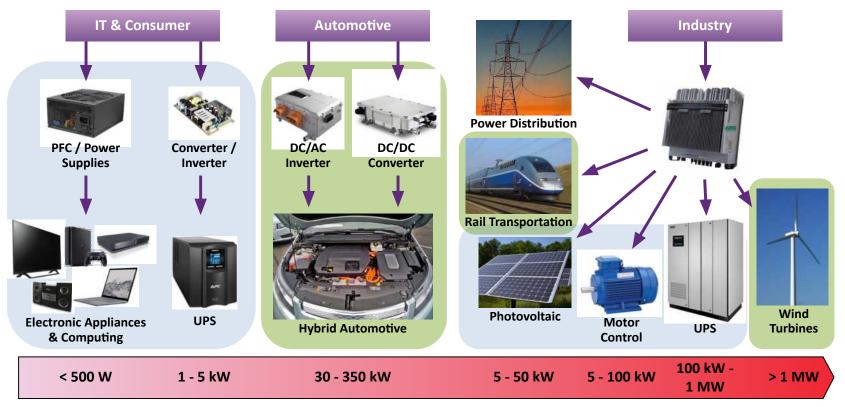
SiC

SiC Diode Market - Application Specific



Gen.1 Target

Gen.2 Target



Source: TechSearch International, Inc. adapted from Global Power Technology



Thank You

