



LGE

www.luguang.cn

SHENZHEN LUGUANG ELECTRONIC TECHNOLOGY CO.,LTD

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关于鲁光

ABOUT LGE



Luguang is a company focusing on R&D and manufacturing power semiconductor devices in China since 2002, which sets up the R&D team in Taiwan to design and develop semiconductor wafer. Till now, LGE owns more than 60 patents.

Luguang has a wide range of product lines including STD, SKY, FRED, TVS, ZENER, ESD, MOSFETS, SiC Diodes and SiC Mosfets, IGBT etc, which enable us to provide customers with more than 10,000 different models. The products are widely used in power supplies, lighting, network communications, security, consumer devices, automotive and many other fields.

- **Registered Capital: ¥51 Million**
- **Revenue in 2024: \$50.4 Million**
- **No. of Staff: 380+**
- **Sales Center: Chegongmiao Shenzhen**
- **Logistic Center: Longhua Shenzhen**
- **Plant: Rizhao, Shandong**



发展历程

DEVELOPMENT HISTORY



Better Life From Semiconductors



LGE 鲁光电子

To be the World-Class Power
Semiconductor Brand

Year of establish: 2002

No.of Staff: 380+

Revenue in 2024: \$50.4M

No. of clients: 1.2K+

Quantity delivered in 2024:
2500KK+ (PCS)

Product Models: 10000+
(PCS)

Export Countries and
Regions: 60+



产品组合

MAIN PRODUCTS

Traditional Products



Diodes

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

Protection Device

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

Bipolar Transistors

- ◇ Power Transistor
- ◇ Digital Transistor

Bridge Rectifier

- ◇ Low VF Rectifier 600V
- ◇ Rectifier till 1600V

MOSFET

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

Extended Products



FRED

- ◇ Gen2 FRED
- 650V - 1700V

TRIAC

- ◇ 0.6A - 100A
- 600V - 1600V

SiC

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

IGBT

- ◇ IGBT Discrete
- IGBT Module

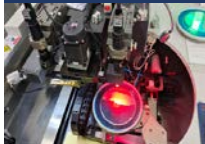
Modules

- ◇ Diode Module
- ◇ Fast Recovery Module
- ◇ Schottky Module
- ◇ Thyristor Module



测封与产能

PRODUCTION CAPACITY



PACKAGES:
SMA,SMB,SMC,SMAF,SMBF,
SMCF,SOD-123FL,DO-213AB...
PRODUCTION CAPACITY :
2400KK/Y



PACKAGES:
DO-35,DO-41,DO-15,DO-201AD
, DO-201AE,R-6,MELF,SOD-80 ...
PRODUCTION CAPACITY:
1200KK/Y



PACKAGES:
TO-220,TO-220F,TO-263,TO-
252, TO-263,TO-247,TO-3P...
PRODUCTION CAPACITY:
360KK/Y



PACKAGES:
MBS,MBF,ABS,GBP,GBU,
GBJ,KBU,KBJ, KBL,KBP,KBPC...
PRODUCTION CAPACITY:
720KK/Y



PACKAGES:
SOD-123,SOD-323,SOD-523;
SOD-723,SOT-323,SOT-23,
SOT-223,SOT-323,SOT-23-6
SOT-523,SOT-363,DFN1006,
DFN0603,PDFN5*6-8L...
PRODUCTION CAPACITY:
1800KK/Y



Products are compatible to Global Brand



WOLFSPEED: SIC DIODE, SIC MOSFET

INFINEON: SIC DIODE, SIC MOSFET

NXP: ZENER DIODES, TRIACS, SCHOTTKY DIODES, TVS DIODES

ROHM: ZENER DIODES, SCHOTTKY DIODES



Wide Range of Products for Crossing



TVS DIODES, ZENER DIODES, SCHOTTKY
DIODES, FAST RECOVERY RECTIFIERS,
SILICON RECTIFIERS, BRIDGE RECTIFIERS



SCHOTTKY DIODES, SWITCHING
DIODES, ZENER DIODES,
FAST RECOVERY RECTIFIERS



FAST RECOVERY RECTIFIER, SILICON
RECTIFIERS, SCHOTTKY DIODES, BRIDGE
RECTIFIERS, TRANSISTORS



ALL SERIES OF DIODES
AND BRIDGE RECTIFIERS



SCHOTTKY DIODES, FAST RECOVERY
RECTIFIERS, BRIDGE
RECTIFIERS, TRIACS, TRANSISTORS



FULL RANGE OF TVS DIODES
AND FAST RECOVERY RECTIFIERS

品质保障 QUALITY ASSURANCE



Reliability and AECQ-101 test lab



PCT (高压蒸煮)

HTRB(高温反偏)

H.T.H.H (恒温恒湿)

H3TRB(高温高湿反偏)

HAST(高加速应力测试)

HTOL+SSOP
高温工作寿命和静态工作寿命

体系认证 CERTIFICATIONS

■ High-tech Enterprise

ISO9001,ISO14001,ISO45001,IATF16949



专利信息 PATENTS

LGE owns more than 60 patents. We can customize products according to customers' requirements.

We had successfully customized diodes for PEUGEOT and diodes for hair straighteners.



产品应用 APPLICATIONS

■ LGE products are widely used in automotive electronics, industrial control equipments, instruments, metering, lighting, telecommunications, white goods, smart home appliances, power supplies and IT etc.

■ LGE is the approved vendor of
MKS, FLEX, JABIL, PEUGEOT, ABB, NICE, VIMAR, BEKO, VESTEL and CRRC etc.

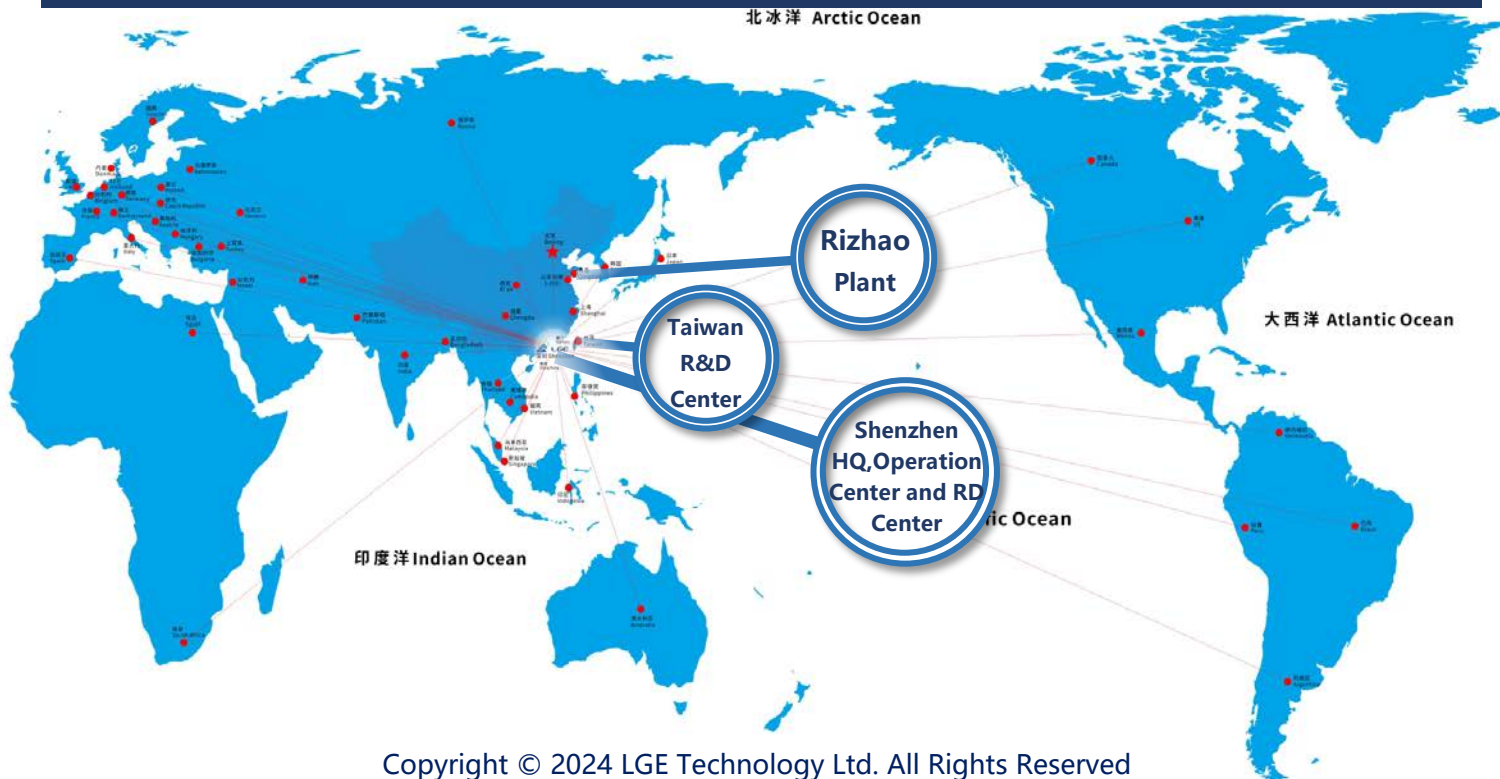


全球布局

GLOBAL PARTNERS



Exporting to more than 60 countries and regions



愿景及核心价值观
Corporate Vision



成为全球半导体驰名品牌！



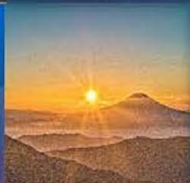
求实



创新



精进



厚德



诚信



共赢

INTELLIGENT MANUFACTURING

Make employees grow and be happy
Make customers get satisfactory value and service

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