

新品发布

N150V 低损耗 MOSFET, 适配 BMS、储能、光伏全场景

产品特点

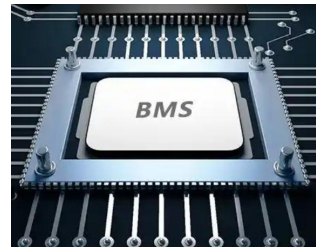
- 1.采用优化的SGT工艺, 产品内阻低, 开关特性优;
- 2.采用TOLL、TO-247等封装, 适用于BMS等大功率应用;
- 3.针对工控应用的各种工作状态, 优化MOS产品EAS能力, 提高产品的可靠性。

更多产品详见官网

Product Name	Package	Vds (V)	ID (A)	Vth (V) typ.	Rds10V (mohm) typ.	Rds10V (mohm) max.	Qg10V (nC) typ.	Tj (°C)	N/P
YJT012G15H	TOLL	150	75	3	9.7	12	46.7	-55-150	N
YJT012G15A	TOLL	150	83	1.95	9.3	12	48	-55-150	N
YJT7D0G15H	TOLL	150	117	3	5.4	7	68.4	-55-175	N
YJT4D5G15H	TOLL	150	180	3	3.7	4.5	65.4	-55-175	N
YJT3D9G15H	TOLL	150	190	3.8	3.2	3.9	80.3	-55-175	N
YJW5D9G15H	TO-247	150	149	3	4.5	5.9	65.4	-55-150	N

产品介绍

扬杰科技最新推出了一系列用于清洁能源的N150V MOSFET产品, 产品采用特殊优化的SGT技术, 具有较低的导通电阻Rdson和栅极电荷Qg, 明显降低导通和开关损耗, 同时提升了MOSFET抗冲击电流能力。



BMS



储能



光伏微逆

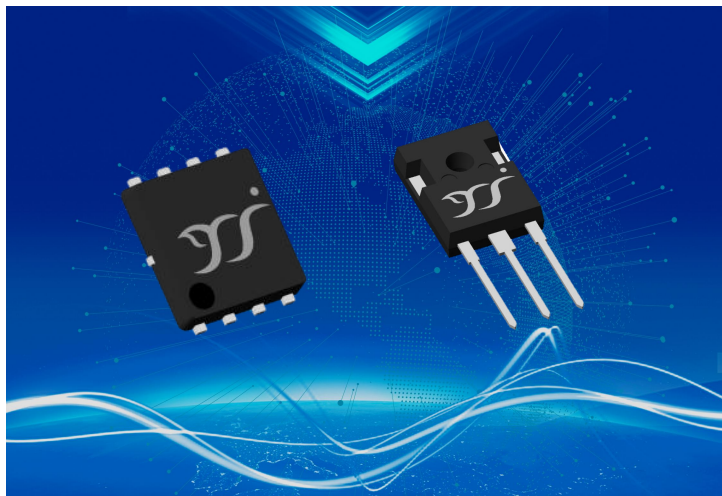
典型应用

新品发布

NEW
PRODUCT

N150V MOSFET for Clean Energy

Product
Features



Product Introduction

Yangjie Technology has recently launched a series of N150V MOSFET products for clean energy. These products adopt a specially optimized SGT technology, featuring a lower on-resistance $R_{ds(on)}$ and gate charge Q_g , significantly reducing on-state and switching losses, while enhancing the MOSFET's ability to withstand impact currents.

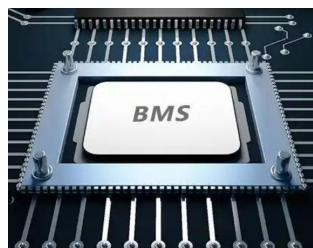
1. With the optimized SGT process, the product has low internal resistance and excellent switching characteristics.
2. Using TOLL, TO-247 and other packages, it is suitable for high-power applications such as BMS.
3. For various working conditions in industrial control applications, the EAS capability of MOS products is optimized to enhance the reliability of the product.

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Please refer to the official website for more details

Applica-
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New Product Announcement



BMS



Energy storage



Micro-inverter