

新品发布

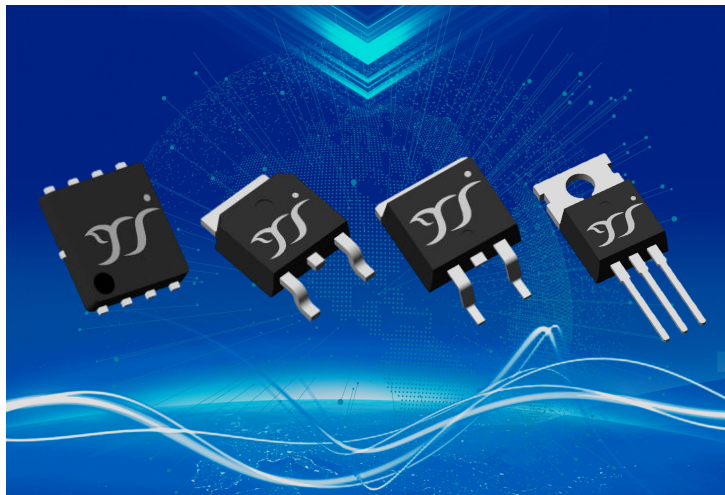
用于工业控制的N150V MOSFET新品

产品特点

- 1.产品采用优化的SGT工艺, 产品内阻低, 开关特性优;
- 2.产品采用PDFN5060、TO-252、TO-263、TO-220等封装, 适用于大功率应用;
- 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。

产品规格书详见官网

Product Name	Package	Vds (V)	ID (A)	Vth (V) typ.	Rds10V (mohm) typ.	Rds10V (mohm) max.	Qg10V (nC) typ.	Tj (°C)	N/P
YJP6D9G15H	TO-220	150	119	3	5.9	6.9	75	-55-150	N
YJB6D8G15H	TO-263	150	117	3	5.7	6.8	75	-55-175	N
YJB90G15H	TO-263	150	90	3	9	11.8	48	-55-150	N
YJP90G15A	TO-220	150	90	3	9.5	12	48	-55-150	N
YJG75G15H	PDFN5060	150	75	3	9.2	11.8	48	-55-150	N
YJG55G15H	PDFN5060	150	55	2.9	14	19	40	-55-150	N
YJD50G15H	TO-252	150	50	2.9	14.5	19	38.6	-55-175	N
YJB60G15H	TO-263	150	60	2.9	13	17	38.6	-55-175	N



产品介绍

扬杰科技最新推出了一系列用于工控的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。

新品发布



电动车控制器



光伏微逆



安防POE

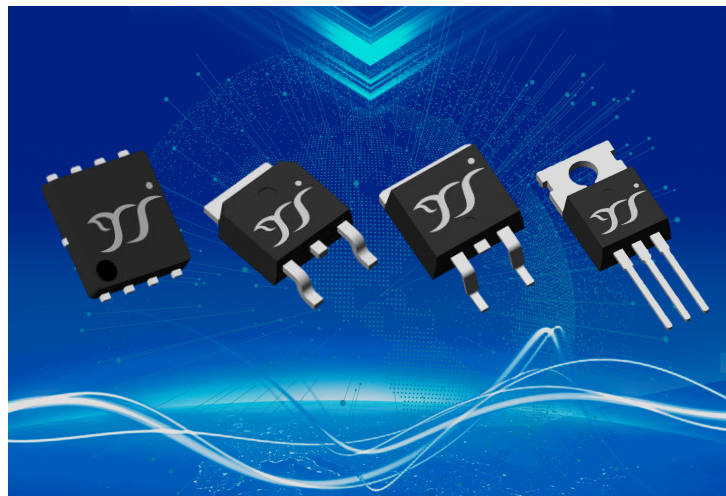


OBC

典型应用

NEW
PRODUCT

N150V MOSFET for Industrial Control



Product Introduction

Yangjie technology recently launched a series of N150V MOSFET products for industrial control, products using specially optimized SGT technology, with low $R_{ds(on)}$ and Q_g , significantly reducing forward voltage drop and switching losses, while improving the MOSFET's ability to resist impulse current.

New Product Announcement

1. The product utilizes optimized SGT technology, featuring low on-resistance and excellent switching performance.
2. It is available in packages such as PDFN5060, TO-252, TO-263 and TO-220, making it suitable for high-power applications;
3. According to various working states of industrial control applications, the EAS capability of MOS products is optimized to improve the reliability of products.

Product
Features

Product Name	Package	V _{ds} (V)	I _D (A)	V _{th} (V) typ.	R _{ds10V} (mohm) typ.	R _{ds10V} (mohm) max.	Q _{g10V} (nC) typ.	T _j (°C)	N/P
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Please refer to the official website for more details



Electric Vehicle
Controller



PV Micro-inverter



Security POE



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Typical
Applica-
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