

新品发布

# 用于工业的TOLL N100V MOSFETs

产品特点

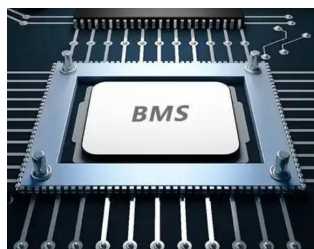
- 1.产品采用优化的SGT工艺, 产品内阻低, 开关特性优;
- 2.产品采用TOLL封装, 适用于BMS等大功率应用;
- 3.针对工控应用的各种工作状态, 优化MOS产品EAS能力, 提高产品的可靠性。

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
YJT2D4G10H	TOLL	175	185	2.9	2	2.4	94	-55-175	N
YJT2D1G10H	TOLL	175	265	3	1.5	2.1	132.5	-55-175	N
YJT300G10H	TOLL	150	300	2.8	1.35	1.7	257	-55-150	N

## 产品介绍

扬杰科技最新推出了一系列用于工业的TOLL N100V 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



DC-DC



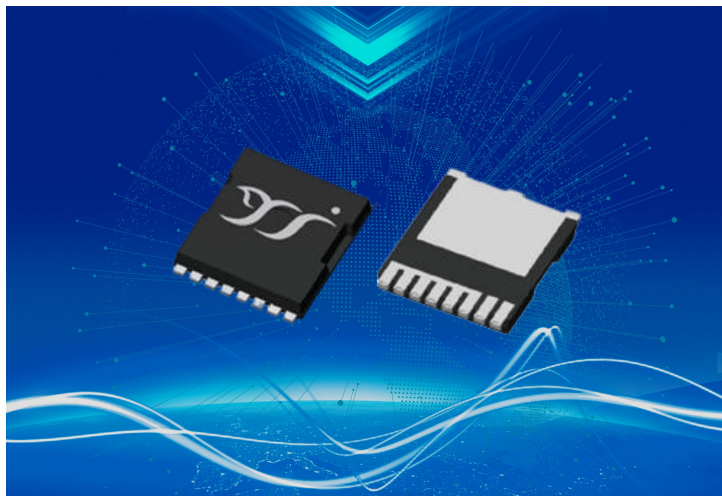
储能

典型应用

新品发布

NEW  
PRODUCT

# TOLL N100V MOSFETs for Industrial



## Product Introduction

Yangjie technology recently launched a series of N100V MOSFET products for industrial, 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.

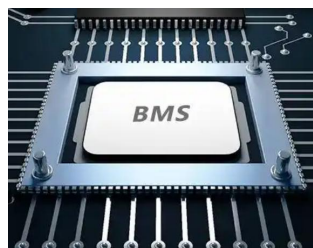
New Product Launch

## Product Features

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

Please refer to the official website for more details

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BMS



DC-DC



Energy storage

## Typical Applications