

新品发布

SiC 二极管：耐高温hold住光伏场景，低损耗提效电源性能



产品介绍

扬杰科技近日推出了自主研发与生产的SiC肖特基二极管系列产品。本品针对电源和光伏逆变器中的效率瓶颈而生，以“零反向恢复”的极致特性，助力客户系统实现高效率、高功率密度、高可靠性。

新品发布

产品特点

- 1.耐高温特性，工作温度（175℃），出色的散热性能，有着优异的温升表现，提高了产品的可靠性；
- 2.导通压降低，正温度特性，开关损耗小，开关频率高；
- 3.浪涌能力强，通流能力优秀；

Product Name	Package	VR(V)	VF(V)	IFSM(A)	QC(nC)	PTOT(W)	Rthj-c(°C/W)	Tj(°C)
YJD106530BYG4	TO-263	650V	1.38	190	92	176	0.85	-55-175
YJD112015FYG5	ITO-220AC	1200V	1.35	150	93	45	3.30	-55-175
YJD112080NCTYG4	TO-247AB	1200V	1.40	260	227	714	0.21	-55-175
YJD117010PYG5	TO-220AC	1700V	1.30	160	175	208	0.72	-55-175

更多产品详见官网



光伏逆变



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电源

应用领域

NEW
PRODUCT

■ New SiC Diode for Photovoltaic Energy Storage, Charging Pile&Power Supply



Product Introduction

Yangjie Technology has recently launched a series of SiC Schottky diodes independently . This product is designed to address the efficiency bottlenecks in power supplies and photovoltaic inverters. With its ultimate feature of “zero reverse recovery” , it helps customers achieve high efficiency, high power density and high reliability in their systems.

New Product Launch

1. High-temperature resistance, operating temperature (175°C), excellent heat dissipation performance, and outstanding temperature rise performance enhance the reliability of the product;
2. Low conduction voltage, positive temperature characteristic, low switching loss, and high switching frequency;
3. Strong surge capacity and excellent current-carrying capacity;

Product Features

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Please refer to the official website for more products



Photovoltaic inverter



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Power Supply

Applica-tion