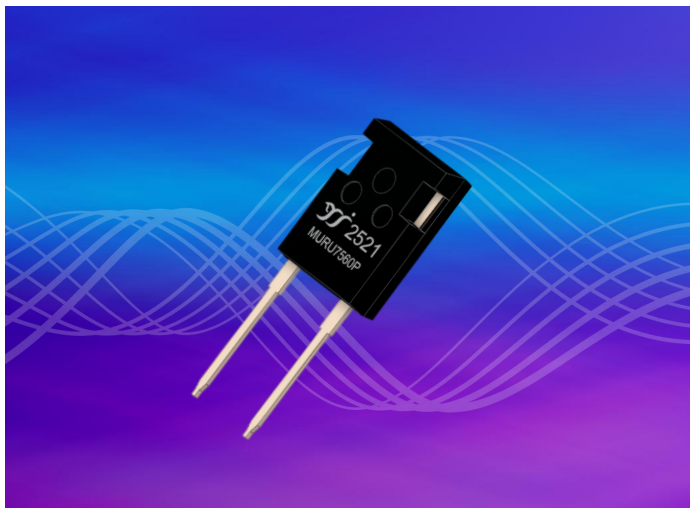


新品发布

# Qrr&Vf 双优! TO-247AC FRED: 高效整流 “实力派”

FRED-TO-247AC package - used in charging stations



## 产品介绍

扬杰科技近日推出了几款TO-247AC封装的FRED产品。该系列产品采用铂扩散工艺控制载流子寿命，使用平面外延型设计，实现了极低的反向恢复电荷和较小反向漏电，在同等测试条件下实现了Qrr和VF的良好折中，降低开关损耗的同时兼顾了导通损耗，实现了能效的最优。芯片采用抗高温老化终端设计和先进的封装技术，提高了产品的可靠性及稳定性，确保芯片在复杂环境保持长期稳定运行，适用于充电桩、家电等。

新品发布

产品特点

1. 性能优：开关特性好，具有良好的Vf-Qrr折中特性。
2. 高可靠性：最新一代平面外延结构，多层钝化，漏电小，可靠性好。
3. 技术支持：拥有专业的FAE团队，提供及时的技术支持和应用指导。

Product Name	Package	$V_{RRM}$ (V)	$I_O$ (A)	$I_{FSM}$ (A)	$V_F$ (V)	$T_{rr}$ (ns)	$T_j$ (°C)
MUR6060P	TO-247AC	600	60	600	1.80	50	175
MUR6060PL	TO-247AC	600	60	500	1.90	35	175
MUR7560PL	TO-247AC	600	75	500	2.00	35	175
MURU7560P	TO-247AC	600	75	600	1.48	55	175
MURS7560PL	TO-247AC	600	75	540	2.10	33	175
MUR60120PL	TO-247AC	1200	60	450	3.00	45	175

更多产品详见官网



充电桩

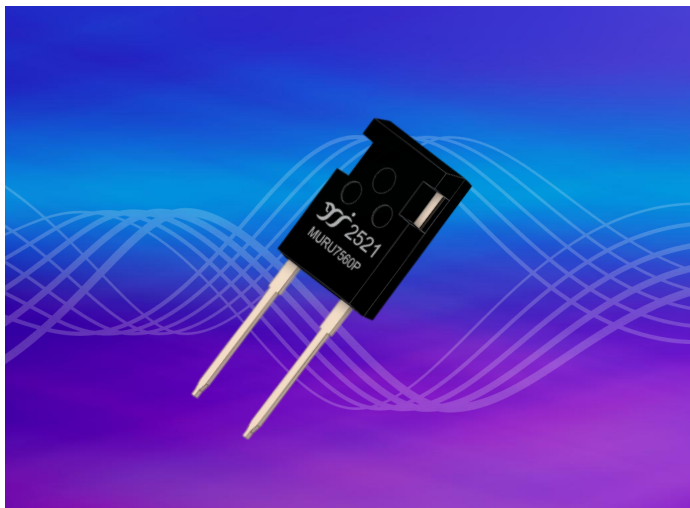


家电

典型应用

NEW  
PRODUCT

■ TO-247AC Package FRED for Charging Piles and Household Appliances, etc



Product Introduction

Yangjie Technology recently launched several TO-247AC packaged FRED products. This series of products adopts platinum diffusion technology to control the carrier lifetime and uses a planar extension design, achieving extremely low reverse recovery charge and small reverse leakage. Under the same test conditions, it achieves a good trade-off between Qrr and VF, reducing switching losses while taking into account conduction losses, and achieving the optimal energy efficiency. The chip adopts an anti-high-temperature aging terminal design and advanced packaging technology, which enhances the reliability and stability of the product, ensuring long-term stable operation of the chip in complex environments. It is suitable for use in charging piles, household appliances, etc.

New Product Announcement

Product  
Features

- 1. Excellent performance: good switching characteristics, with good Vf-Qrr trade-off characteristics.
- 2. High reliability: the latest generation of planar epitaxial structure, multi-layer passivation, low leakage current, good reliability.
- 3. Technical support: has a professional FAE team to provide timely technical support and application guidance.

Product Name	Package	V <sub>RRM</sub> (V)	I <sub>O</sub> (A)	I <sub>FSM</sub> (A)	V <sub>F</sub> (V)	T <sub>rr</sub> (ns)	T <sub>j</sub> (°C)
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Please refer to the official website for more products



Charging Piles



Home Appliances

Application