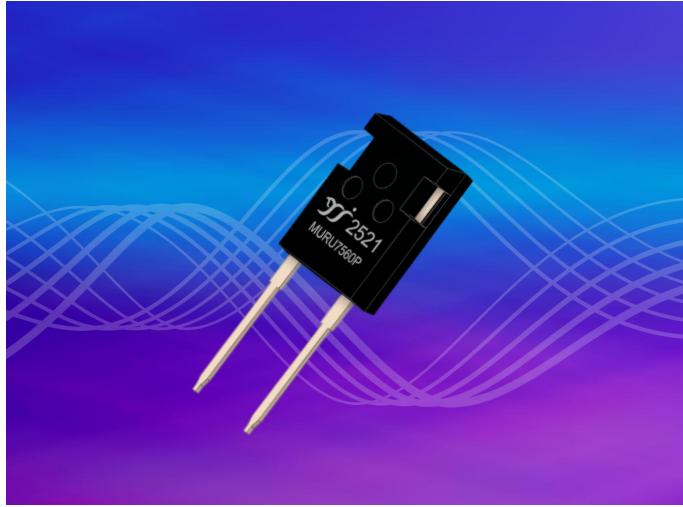


Qrr&Vf 双优! TO-247AC FRED: 高效整流 “实力派”

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。

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。

产品
特点

| 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

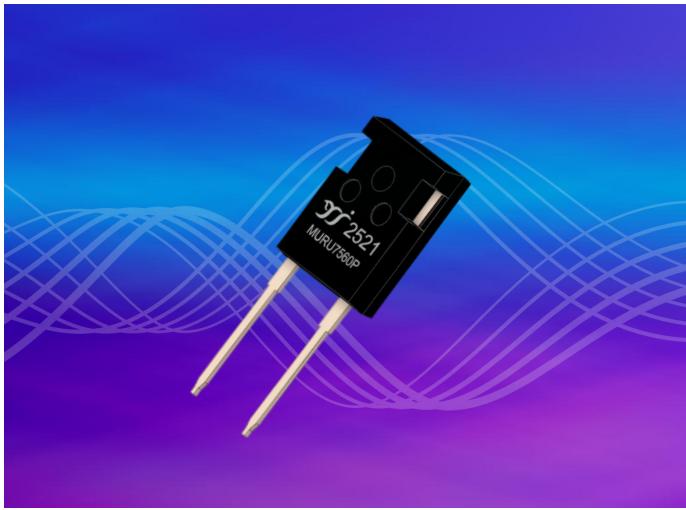


充电桩

家电

典型
应用

■ 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

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_{RRM} (V) | I_o (A) | I_{FSD} (A) | V_F (V) | Trr (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 |

Please refer to the official website for more products



Charging Piles



Home Appliances

■ Product Features

■ Application