

新品发布

Econo 3系列 IGBT模块，变频伺服领域“平替黑马”



产品介绍

扬杰科技新推出对标英飞凌7代技术的IGBT PIM模块产品，该产品采用最新的第七代微沟槽技术，相较于传统沟槽产品，其具备更高的电流输出能力，更低的损耗和更高的运行结温。经过整机系统端验证，与英飞凌的产品性能极为接近，完全可做为英飞凌的替代产品使用。

新品发布

1. 低开关损耗;
2. 具有正温度系数的低 $V_{CE(sat)}$ IGBT;
3. 最大电流输出能力高达200A (相同封装);
4. 具有强雪崩耐受能力;
5. 具有大 dv/dt 可控范围;
6. 最高结温 $175^{\circ}C$;

更多产品详见官网

Product Name	$V_{ces}(V)$	$I_c(A)$	$V_{geth}(V)$	$V_{cesat}(V)$	$t_r (ns)$	$t_f (ns)$	$V_f(V)$
MG50P12MLE2	1200	50	5.8	1.70	134	230	1.95
MG75P12MLE2	1200	75	5.9	1.60	31	255	2.25
MG100P12MLE2	1200	100	5.9	1.60	31	201	1.85
MG150P12MLE2	1200	150	6.0	1.67	80	182	2.10

产品特点



变频器



伺服驱动器

典型应用

NEW
PRODUCT

Econo 3 Series IGBT Modules for Variable Frequency Servo



Product Introduction

Yangjie Technology has launched a new IGBT PIM module product that benchmarks Infineon's 7th generation technology, which adopts the latest 7th generation micro-trench technology, which has higher current output capability, lower loss and higher operating junction temperature than traditional trench products. After the system-side verification of the whole machine, the performance is very close to that of Infineon's products, and it can be used as a replacement product for Infineon.

New Product Launch

1. Low switching loss;
2. Low $V_{CE(sat)}$ with positive temperature coefficient;
3. Maximum current output capability up to 200A (same package);
4. Strong avalanche tolerance;
5. A large dv/dt controllable range;
6. Maximum junction temperature is 175°C ;

Product
Features

Please refer to the official website for more products

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frequency converter



Servo Driver

Typical
Applica-
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