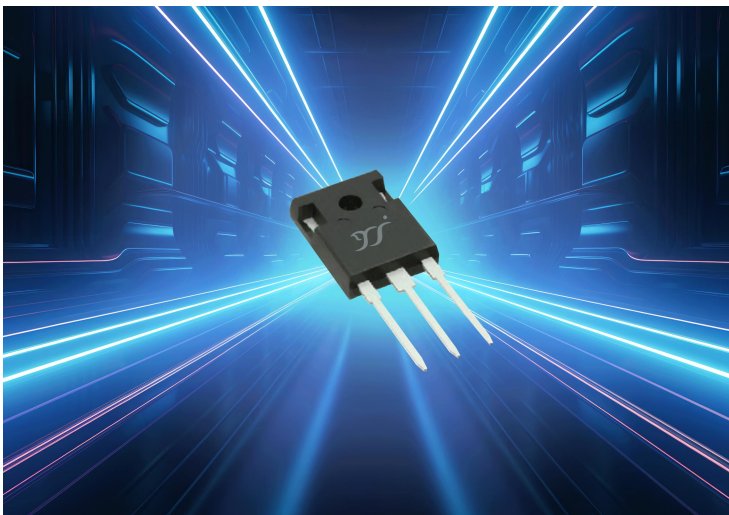


新品发布

用于伺服控制器、变频器、工业电源的微沟槽IGBT

Micro-pattern trenches IGBT for servo controller & frequency converter & industrial power supply



产品介绍

扬杰科技近日推出了新一代 TO-247 封装 50A 650V IGBT单管,产品采用1.6um微沟槽工艺平台,大大提高功率密度,具有较低的导通损耗及开关损耗,可适用于伺服控制器、变频器、工业电源等中低频应用领域。

新品发布

1. 采用1.6um微沟槽工艺平台;
2. 电压等级为650V, 电流等级为50A@Tc=100°C ;
3. 低导通损耗, 低开关损耗;
4. 较强的短路能力

产品特点

产品规格书详见官网

Product Name	V _{CEs} (V)	I _c (A)	V _{GE(th)} (V)	V _{CE(sat)} (V)	V _F (V)	P _d (W)	T _j (°C)
DGW50N65CTL2A	650	50	4.8	1.45	1.6	333	-40~175



伺服控制器



变频器

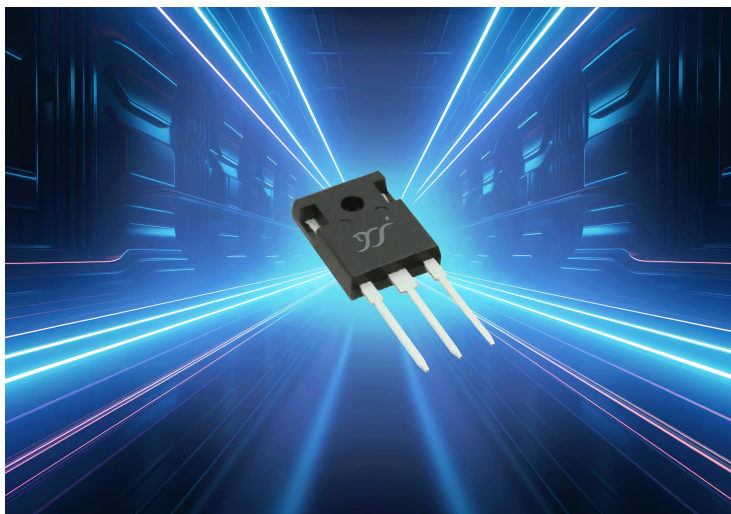


工业电源

典型应用

NEW
PRODUCT

Micro-pattern Trenches IGBT for Servo Controller & Frequency Converter & Industrial Power Supply



Product Introduction

Yangjie Technology recently launched a new generation of TO-247 packaged 160A 650V discrete IGBT. The product adopts 1.6um micro-pattern trenches process platform, greatly improving power density, having low conduction and switching loss. It can be applied to low or medium frequency applications such as servo controllers, frequency converters, and industrial power supplies.

New Product Announcement

1. Adopting 1.6um micro-pattern trenches process platform;
2. 650V breakdown voltage, $I_c=50A@T_c=100^{\circ}C$;
3. Low conduction loss, low switching loss;
4. Strong short-circuit capacity

Product
Features

Please refer to the official website for more details

Product Name	V_{CES} (V)	I_c (A)	$V_{GE(th)}$ (V)	$V_{CE(sat)}$ (V)	V_F (V)	P_d (W)	T_j ($^{\circ}C$)
DGW50N65CTL2A	650	50	4.8	1.45	1.6	333	-40~175



Servo Controller



Frequency Converter



Industrial Power Supply

Typical
Applica-
-tions