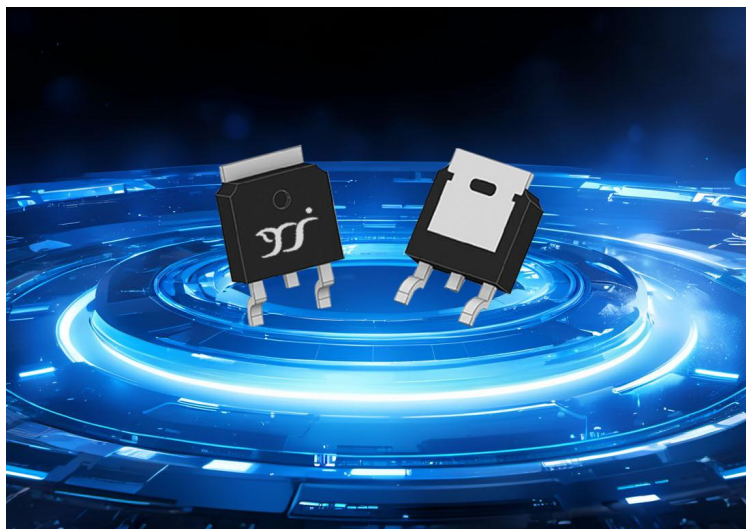


新品发布

用于电机驱动、大功率变频器的TO-252封装功率三极管



产品介绍

扬杰科技TO-252封装再添功率三极管新型号，采用行业内较为通用的封装尺寸，表面贴片安装设计，分别搭载NPN与PNP规格的芯片，形成对管互补。该功率三极管在电性参数方面，最大IC电流8A，低耐压设计，可用于电驱和大功率变频等电路中。该产品结温与存储温度可达到-55 ~ +150°C。

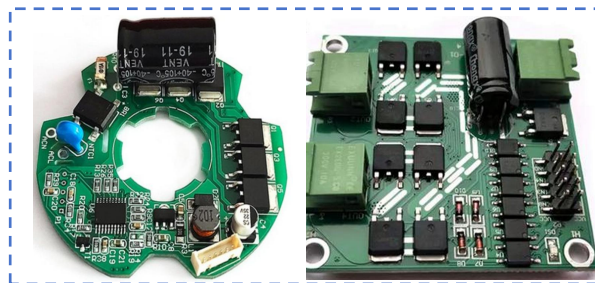
新品发布

1. MJD44H11B与MJD45H11B互相补充
2. 集电极-发射极饱和电压低
3. 优秀的开关速度
4. 表面贴片封装

产品特点

产品规格书详见官网

Product Name	V_{CBO}	V_{CEO}	V_{EBO}	I_C	P_D	h_{FE}	V_{CESAT}	T_j (°C)
MJD44H11B	100	80	6	8	1.5	Min60 @VCE=1V, IC=2A	1.0	-55 to +150
MJD45H11B	-100	-80	-6	-8	1.5	Min60 @VCE=1V, IC=2A	-1.0	-55 to +150



电机驱动器电路板

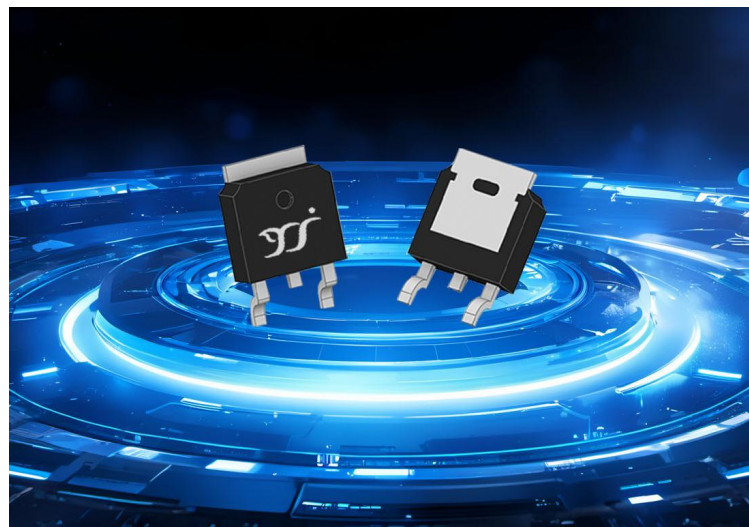


大功率变频器

典型应用

NEW
PRODUCT

TO-252 Package Power Transistor for Motor Driver & High Power Frequency Converter



Product Introduction

Yangjie Technology has added a new model of power transistor to the TO-252 package. It is equipped with NPN and PNP chips respectively, forming complementary transistor pairs. In terms of electrical parameters, this power transistor has a maximum IC current of 8A and is designed with low voltage resistance. It can be used in circuits such as electric drives and high-power frequency converters. The junction temperature and storage temperature of this product can reach -55~+150 °C.

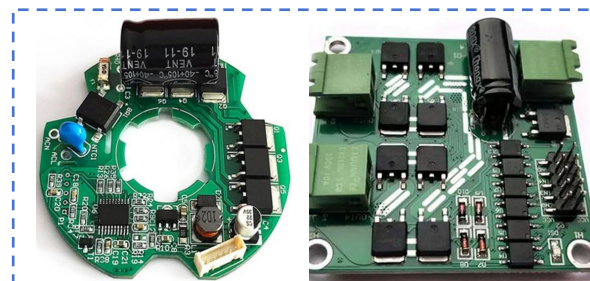
New Product Announcement

1. MJD44H11B and MJD45H11B complement each other
2. Low collector emitter saturation voltage
3. Excellent switching speed
4. Plugin class encapsulation

Product
Features

Please refer to the official website for more details

Product Name	V _{CBO}	V _{CEO}	V _{EBO}	I _C	P _D	h _{FE}	V _{CESAT}	T _j (°C)
MJD44H11B	100	80	6	8	1.5	Min60 @V _{CE} =1V,I _C =2A	1.0	-55 to +150
MJD45H11B	-100	-80	-6	-8	1.5	Min60 @V _{CE} =1V,I _C =2A	-1.0	-55 to +150



Motor Driver PCB



High Power
Frequency Converter

Typical
Applica-
tions