

MOSFET for High Power DC-DC

Product Introduction

Since 5G communication technology was introduced into the market, the emerging business model has made the station energy consumption increase significantly, while the traditional power supply is limited. For the new situation and new challenges, more and more high-density power solutions are being brought to the market to cope with the power supply problems of various 5G stations and their application scenarios.

YangJie Technology launches Low-opening N40V CLIP package new products, which has optimized R_g , $R_{dson}@4.5V$ and other parameters to provide a better solution for high-power DC-DC power supply.



Product Features

1. Using SGT process, the product has low internal resistance and excellent switching characteristics.
2. Compared with traditional aluminum strip packaging, Clip packaging products have stronger overcurrent capacity, better heat dissipation performance, and wider SOA range.
3. Lower V_{th} , suitable for wider drive voltage.

Electrical Parameters

Product Name	Package	BVDSS (V)	V_{th} (V)	R_{dson} (Typ.m Ω)	Q_g (nC)
YJG200G04BR	PDFN5060	40	1.8	1.0	126

For more products, please refer to the official website

Application

- ◆ High Power DC-DC Applications
- ◆ Board Hot Swap Application
- ◆ AC-DC Power Supply Synchronizes Rectification
- ◆ Inverter Power Supply
- ◆ Electric Power Tool

