

GR-20E010DJ: E-mode GaN Power Transistor

Description

GR-20E010DJ is an enhancement mode GaN on Silicon power transistor. 20E010DJ provides, high current and high operating speed which is suitable for DC to DC power supply applications.

Key Specifications

Part Number	GR-20E010DJ
V _{DSS} , min.	200V
I _{DS} , Pulse((25°C, TPULSE = 300 μs))	95A
R _{DS(ON)} , typ. @V _{gs} =5V	10.2mΩ
Q _G , typ.	7.4nC

Features

- 200 V enhancement mode power transistor
- High operating frequency
- R_{DS(on)} = Typ. 10.2mΩ
- RoHS compliant
- Zero QRR.

Applications

- Switch Mode Power Supplies (SMPS)
- DC-DC Converters
- Fast Battery Charging
- Appliance Motor Drives

