

Specifications

Part Number	IRFZ46NLPBF
Manufacturer	International Rectifier (Infineon Technologies)
Description	MOSFET N-CH 55V 53A TO-262
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	12348 pcs Stock
Vgs(th) (Max) @ Id	4V @ 250μA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	TO-262
Series	HEXFET®
Rds On (Max) @ Id, Vgs	16.5 mOhm @ 28A, 10V
Power Dissipation (Max)	3.8W (Ta), 107W (Tc)
Packaging	Tube
Package / Case	TO-262-3 Long Leads, I²Pak, TO-262AA
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Input Capacitance (Ciss) (Max) @ Vds	1696pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	72nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	55V
Current - Continuous Drain (Id) @ 25°C	53A (Tc)

In:

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IRFZ46NLPB
IR
IR TO220


IRFZ46NS
Infineon Technologies
MOSFET N-CH 55V 53A D2PAK



IRFZ46NL
Infineon Technologies
MOSFET N-CH 55V 53A TO-262



IRFZ46L
Vishay Siliconix
MOSFET N-CH 50V 50A D2PAK



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