

IRFS31N20DPBF Information


For Reference Only

Part Number [IRFS31N20DPBF](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 200V 31A D2PAK
Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


IRFS31N20DPBF Specifications

Manufacturer Part Number	IRFS31N20DPBF
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Series	HEXFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{dss})	200V
Current - Continuous Drain (I _d) @ 25°C	31A (T _c)
Drive Voltage (Max R _{ds On} , Min R _{ds On})	10V
V _{gs(th)} (Max) @ I _d	5.5V @ 250μA
Gate Charge (Q _g) (Max) @ V _{gs}	107nC @ 10V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	2370pF @ 25V
V _{gs} (Max)	±30V
FET Feature	-
Power Dissipation (Max)	3.1W (T _a), 200W (T _c)
R _{ds On} (Max) @ I _d , V _{gs}	82 mOhm @ 18A, 10V
Operating Temperature	-55°C ~ 175°C (T _J)
Mounting Type	Surface Mount
Supplier Device Package	D2PAK
Package / Case	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB

[Report errors?](#)

IRFS31N20DPBF Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

IRFS31N20DPBF Payment Methods



IRFS31N20DPBF Shipping Methods



If you have any question about IRFS31N20DPBF, please do not hesitate to contact us!

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