

IPW50R299CPFKSA1 Information


For Reference Only

Part Number [IPW50R299CPFKSA1](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 550V 12A TO247-3
Package TO-247-3
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


[Request a Quote](#)
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.


IPW50R299CPFKSA1 Specifications

Manufacturer Part Number	IPW50R299CPFKSA1
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-247-3
Series	CoolMOS?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vds)	550V
Current - Continuous Drain (Id) @ 25°C	12A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	3.5V @ 440µA
Gate Charge (Qg) (Max) @ Vgs	31nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	1190pF @ 100V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	104W (Tc)
Rds On (Max) @ Id, Vgs	299 mOhm @ 6.6A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	PG-TO247-3
Package / Case	TO-247-3

[Report errors?](#)

IPW50R299CPFKSA1 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.

IPW50R299CPFKSA1 Payment Methods



IPW50R299CPFKSA1 Shipping Methods



If you have any question about IPW50R299CPFKSA1, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com