

IPW90R1K0C3FKSA1 Information


For Reference Only

Part Number [IPW90R1K0C3FKSA1](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 900V 5.7A TO-247
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.


IPW90R1K0C3FKSA1 Specifications

Manufacturer Part Number	IPW90R1K0C3FKSA1
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)	900V
Current - Continuous Drain (Id) @ 25°C	5.7A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	3.5V @ 370µA
Gate Charge (Qg) (Max) @ Vgs	34nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	850pF @ 100V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	89W (Tc)
Rds On (Max) @ Id, Vgs	1 Ohm @ 3.3A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	PG-TO247-3
Package / Case	TO-247-3

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IPW90R1K0C3FKSA1 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.

IPW90R1K0C3FKSA1 Payment Methods



IPW90R1K0C3FKSA1 Shipping Methods



If you have any question about IPW90R1K0C3FKSA1, please do not hesitate to contact us!

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