

IPW60R045CPAFKSA1 Information


For Reference Only

Part Number [IPW60R045CPAFKSA1](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 650V 60A 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


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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.


IPW60R045CPAFKSA1 Specifications

Manufacturer Part Number	IPW60R045CPAFKSA1
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-247-3
Series	Automotive, AEC-Q101, CoolMOS?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	600V
Current - Continuous Drain (Id) @ 25°C	60A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	3.5V @ 3mA
Gate Charge (Qg) (Max) @ Vgs	190nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	6800pF @ 100V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	431W (Tc)
Rds On (Max) @ Id, Vgs	45 mOhm @ 44A, 10V
Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	PG-TO247-3
Package / Case	TO-247-3

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IPW60R045CPAFKSA1 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.

IPW60R045CPAFKSA1 Payment Methods



IPW60R045CPAFKSA1 Shipping Methods



If you have any question about IPW60R045CPAFKSA1, please do not hesitate to contact us!

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