

IPA65R1K5CEXKSA1 Information


For Reference Only

Part Number [IPA65R1K5CEXKSA1](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 650V TO220-3
Package TO-220-3 Full Pack
 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.


IPA65R1K5CEXKSA1 Specifications

Manufacturer Part Number	IPA65R1K5CEXKSA1
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-220-3 Full Pack
Series	CoolMOS?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	650V
Current - Continuous Drain (Id) @ 25°C	5.2A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	3.5V @ 130µA
Gate Charge (Qg) (Max) @ Vgs	10.5nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	225pF @ 100V
Vgs (Max)	±20V
FET Feature	Super Junction
Power Dissipation (Max)	30W (Tc)
Rds On (Max) @ Id, Vgs	1.5 Ohm @ 1A, 10V
Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	PG-TO220 Full Pack
Package / Case	TO-220-3 Full Pack

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IPA65R1K5CEXKSA1 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.

IPA65R1K5CEXKSA1 Payment Methods



IPA65R1K5CEXKSA1 Shipping Methods



If you have any question about IPA65R1K5CEXKSA1, please do not hesitate to contact us!

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