

IPA50R190CEXKSA2 Information


For Reference Only

Part Number [IPA50R190CEXKSA2](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 500V 18.5A TO220FP
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.


IPA50R190CEXKSA2 Specifications

Manufacturer Part Number	IPA50R190CEXKSA2
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-220-3 Full Pack
Series	CoolMOS? CE
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vds)	500V
Current - Continuous Drain (Id) @ 25°C	18.5A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	13V
Vgs(th) (Max) @ Id	3.5V @ 510µA
Gate Charge (Qg) (Max) @ Vgs	47.2nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	1137pF @ 100V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	32W (Tc)
Rds On (Max) @ Id, Vgs	190 mOhm @ 6.2A, 13V
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

[Report errors?](#)

IPA50R190CEXKSA2 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.

IPA50R190CEXKSA2 Payment Methods



IPA50R190CEXKSA2 Shipping Methods



If you have any question about IPA50R190CEXKSA2, please do not hesitate to contact us!

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

E-mail: salesdept@heisener.com