

IPA50R500CE Information


For Reference Only

Part Number [IPA50R500CE](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 500V 7.6A PG-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.


IPA50R500CE Specifications

Manufacturer Part Number	IPA50R500CE
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 (V _{dss})	500V
Current - Continuous Drain (I _d) @ 25°C	7.6A (T _c)
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	13V
V _{gs(th)} (Max) @ I _d	3.5V @ 200μA
Gate Charge (Q _g) (Max) @ V _{gs}	18.7nC @ 10V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	433pF @ 100V
V _{gs} (Max)	±20V
FET Feature	Super Junction
Power Dissipation (Max)	28W (T _c)
R _{ds} On (Max) @ I _d , V _{gs}	500 mOhm @ 2.3A, 13V
Operating Temperature	-40°C ~ 150°C (T _J)
Mounting Type	Through Hole
Supplier Device Package	PG-TO220FP
Package / Case	TO-220-3 Full Pack

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IPA50R500CE 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.

IPA50R500CE Payment Methods



IPA50R500CE Shipping Methods



If you have any question about IPA50R500CE, please do not hesitate to contact us!

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