

IPS50R520CP Information


For Reference Only

Part Number [IPS50R520CP](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 550V 7.1A TO-251
Package TO-251-3 Stub Leads, IPak
 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.


IPS50R520CP Specifications

Manufacturer Part Number	IPS50R520CP
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-251-3 Stub Leads, IPak
Series	CoolMOS?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	550V
Current - Continuous Drain (Id) @ 25°C	7.1A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	3.5V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	17nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	680pF @ 100V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	66W (Tc)
Rds On (Max) @ Id, Vgs	520 mOhm @ 3.8A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	PG-TO251-3
Package / Case	TO-251-3 Stub Leads, IPak

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IPS50R520CP 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.

IPS50R520CP Payment Methods



IPS50R520CP Shipping Methods



If you have any question about IPS50R520CP, please do not hesitate to contact us!

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