

IPD50R380CE Information


For Reference Only

Part Number [IPD50R380CE](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N CH 500V 9.9A PG-TO252
Package TO-252-3, DPak (2 Leads + Tab), SC-63
 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.


IPD50R380CE Specifications

Manufacturer Part Number	IPD50R380CE
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Series	CoolMOS?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	500V
Current - Continuous Drain (Id) @ 25°C	9.9A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	13V
Vgs(th) (Max) @ Id	3.5V @ 260µA
Gate Charge (Qg) (Max) @ Vgs	24.8nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	584pF @ 100V
Vgs (Max)	±20V
FET Feature	Super Junction
Power Dissipation (Max)	73W (Tc)
Rds On (Max) @ Id, Vgs	380 mOhm @ 3.2A, 13V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	PG-TO252-3
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63

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IPD50R380CE 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.

IPD50R380CE Payment Methods



IPD50R380CE Shipping Methods



If you have any question about IPD50R380CE, please do not hesitate to contact us!

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