

IPU80R1K2P7AKMA1 Information


For Reference Only

Part Number [IPU80R1K2P7AKMA1](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 800V COOLMOS TO251-3
Package TO-251-3 Short Leads, IPak, TO-251AA
 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.


IPU80R1K2P7AKMA1 Specifications

Manufacturer Part Number	IPU80R1K2P7AKMA1
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-251-3 Short Leads, IPak, TO-251AA
Series	CoolMOS [®] P7
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{ds})	800V
Current - Continuous Drain (I _d) @ 25°C	4.5A (T _c)
Drive Voltage (Max R _{ds On} , Min R _{ds On})	10V
V _{gs(th)} (Max) @ I _d	3.5V @ 80μA
Gate Charge (Q _g) (Max) @ V _{gs}	11nC @ 10V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	300pF @ 500V
V _{gs} (Max)	±20V
FET Feature	-
Power Dissipation (Max)	37W (T _c)
R _{ds On} (Max) @ I _d , V _{gs}	1.2 Ohm @ 1.7A, 10V
Operating Temperature	-55°C ~ 150°C (T _J)
Mounting Type	Through Hole
Supplier Device Package	PG-TO251-3
Package / Case	TO-251-3 Short Leads, IPak, TO-251AA

[Report errors?](#)

IPU80R1K2P7AKMA1 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.

IPU80R1K2P7AKMA1 Payment Methods



IPU80R1K2P7AKMA1 Shipping Methods



If you have any question about IPU80R1K2P7AKMA1, please do not hesitate to contact us!

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

E-mail: salesdept@heisener.com