

## IPP80N04S306AKSA1

#### IPP80N04S306AKSA1 Information

	Part Number	IPP80N04S306AKSA1	
-	Manufacturer	Infineon Technologies	lei kr
www.heiseper.com	Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single	
	Description	MOSFET N-CH 40V 80A TO220-3	- 282
11	Package	TO-220-3	- <b>6</b> 2
		For the pricing/inventory/lead time, please contact us	<b>19</b> 1.9
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com	Reque



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.



est a Quote

### IPP80N04S306AKSA1 Specifications

Manufacturer Part Number	IPP80N04S306AKSA1
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-220-3
Series	OptiMOS?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	40V
Current - Continuous Drain (Id) @ 25°C	80A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4V @ 52µA
Gate Charge (Qg) (Max) @ Vgs	47nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	3250pF @ 25V
Vgs (Max)	$\pm 20 V$
FET Feature	-
Power Dissipation (Max)	100W (Tc)
Rds On (Max) @ Id, Vgs	5.7 mOhm @ 80A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	PG-TO220-3-1
Package / Case	TO-220-3
	Report errors?

#### IPP80N04S306AKSA1 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 BUARANTEE

#### Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

#### IPP80N04S306AKSA1 Payment Methods



If you have any question about IPP80N04S306AKSA1, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com