

IPLU300N04S41R1XTMA1 Information


For Reference Only

Part Number [IPLU300N04S41R1XTMA1](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 8HSOF
Package 8-PowerSFN
 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.


IPLU300N04S41R1XTMA1 Specifications

Manufacturer Part Number	IPLU300N04S41R1XTMA1
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	8-PowerSFN
Series	Automotive, AEC-Q101, OptiMOS?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	40V
Current - Continuous Drain (Id) @ 25°C	300A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4V @ 125µA
Gate Charge (Qg) (Max) @ Vgs	151nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	12090pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	300W (Tc)
Rds On (Max) @ Id, Vgs	1.15 mOhm @ 100A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	PG-HSOF-8-1
Package / Case	8-PowerSFN

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IPLU300N04S41R1XTMA1 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.

IPLU300N04S41R1XTMA1 Payment Methods



IPLU300N04S41R1XTMA1 Shipping Methods



If you have any question about IPLU300N04S41R1XTMA1, please do not hesitate to contact us!

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