

# IPT015N10N5ATMA1

### **IPT015N10N5ATMA1 Information**



For Reference Only

**Part Number** IPT015N10N5ATMA1 **Manufacturer** Infineon Technologies

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 100V 300A 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.









## **IPT015N10N5ATMA1 Specifications**

Manufacturer Part Number	IPT015N10N5ATMA1
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	8-PowerSFN
Series	OptiMOS?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	100V
Current - Continuous Drain (Id) @ 25°C	300A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	6V, 10V
Vgs(th) (Max) @ Id	3.8V @ 250μA
Gate Charge (Qg) (Max) @ Vgs	211nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	16000pF @ 50V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	375W (Tc)
Rds On (Max) @ Id, Vgs	1.5 mOhm @ 150A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	PG-HSOF-8-1
Package / Case	8-PowerSFN
	Report errors?

#### IPT015N10N5ATMA1 Guarantees



#### **Ouality 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.

### IPT015N10N5ATMA1 Payment Methods



















### **IPT015N10N5ATMA1 Shipping Methods**













If you have any question about IPT015N10N5ATMA1, please do not hesitate to contact us!

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