

SPI47N10 Information


For Reference Only

Part Number [SPI47N10](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 100V 47A I2PAK
Package TO-262-3 Long Leads, I2Pak, TO-262AA
 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.


SPI47N10 Specifications

Manufacturer Part Number	SPI47N10
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-262-3 Long Leads, I2Pak, TO-262AA
Series	SIPMOS?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	100V
Current - Continuous Drain (Id) @ 25°C	47A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4V @ 2mA
Gate Charge (Qg) (Max) @ Vgs	105nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	2500pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	175W (Tc)
Rds On (Max) @ Id, Vgs	33 mOhm @ 33A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	PG-TO262-3-1
Package / Case	TO-262-3 Long Leads, I2Pak, TO-262AA

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SPI47N10 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.

SPI47N10 Payment Methods



SPI47N10 Shipping Methods



If you have any question about SPI47N10, please do not hesitate to contact us!

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