NP89N055NUK-S18-AY Information

For Reference Only

Part Number	NP89N055NUK-S18-AY
Manufacturer	Renesas Electronics America
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Description	MOSFET N-CH 55V 90A TO-220
Package	TO-262-3 Full Pack, I2Pak

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.

NP89N055NUK-S18-AY Specifications

Manufacturer Part Number	NP89N055NUK-S18-AY
Manufacturer	Renesas Electronics America
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-262-3 Full Pack, I2Pak
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	55V
Current - Continuous Drain (Id) @ 25°C	90A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	102nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	6000pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	1.8W (Ta), 147W (Tc)
Rds On (Max) @ Id, Vgs	4.4 mOhm @ 45A, 10V
Operating Temperature	175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-262
Package / Case	TO-262-3 Full Pack, I2Pak

Report errors?

NP89N055NUK-S18-AY 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.

NP89N055NUK-S18-AY Payment Methods

NP89N055NUK-S18-AY Shipping Methods

If you have any question about NP89N055NUK-S18-AY, please do not hesitate to contact us!
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E-mail: salesdept@heisener.com