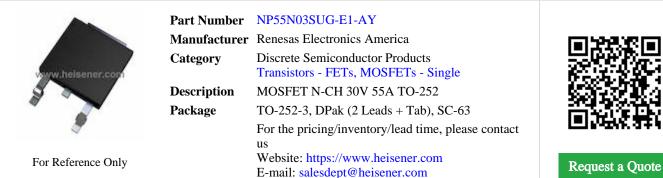


NP55N03SUG-E1-AY

NP55N03SUG-E1-AY Information



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.



NP55N03SUG-E1-AY Specifications

Manufacturer Part Number	NP55N03SUG-E1-AY
Manufacturer	Renesas Electronics America
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	55A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	93nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	5300pF @ 25V
Vgs (Max)	$\pm 20 V$
FET Feature	-
Power Dissipation (Max)	1.2W (Ta), 77W (Tc)
Rds On (Max) @ Id, Vgs	5 mOhm @ 28A, 10V
Operating Temperature	175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	TO-252 (MP-3ZK)
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
	Report errors

NP55N03SUG-E1-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 BUARANTEE

Service Guarantees

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

DISCOVER

NP55N03SUG-E1-AY Payment Methods



NP55N03SUG-E1-AY Shipping Methods



If you have any question about NP55N03SUG-E1-AY, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com