

## NP80N04PUG-E1B-AY

### NP80N04PUG-E1B-AY Information



For Reference Only

Part Number NP80N04PUG-E1B-AY

Manufacturer Renesas Electronics America

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 40V 80A TO-263

**Package** TO-263-3, D2Pak (2 Leads + Tab), TO-263AB

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.









# NP80N04PUG-E1B-AY Specifications

Manufacturer Part Number	NP80N04PUG-E1B-AY	
Manufacturer	Renesas Electronics America	
Category	Discrete Semiconductor Products	
	Transistors - FETs, MOSFETs - Single	
Package	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	
Series	-	
FET Type	N-Channel	
Technology	MOSFET (Metal Oxide)	
Drain to Source Voltage (Vdss)	40V	
Current - Continuous Drain (Id) @ 25°C	80A (Tc)	
Drive Voltage (Max Rds On, Min Rds On)	10V	
Vgs(th) (Max) @ Id	4V @ 250μA	
Gate Charge (Qg) (Max) @ Vgs	135nC @ 10V	
Input Capacitance (Ciss) (Max) @ Vds	7350pF @ 25V	
Vgs (Max)	±20V	
FET Feature	-	
Power Dissipation (Max)	1.8W (Ta), 115W (Tc)	
Rds On (Max) @ Id, Vgs	4.5 mOhm @ 40A, 10V	
Operating Temperature	175°C (TJ)	
Mounting Type	Surface Mount	
Supplier Device Package	TO-263	
Package / Case	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	
		Report errors?

#### NP80N04PUG-E1B-AY 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.

### NP80N04PUG-E1B-AY Payment Methods



















## NP80N04PUG-E1B-AY Shipping Methods













If you have any question about NP80N04PUG-E1B-AY, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com