

NP50P03YDG-E1-AY Information


For Reference Only

Part Number NP50P03YDG-E1-AY
Manufacturer Renesas Electronics America
Category Discrete Semiconductor Products
 Transistors - FETs, MOSFETs - Single
Description MOSFET P-CH 30V 50A 8HSON
Package 8-SMD, Flat Lead Exposed Pad
 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.


NP50P03YDG-E1-AY Specifications

Manufacturer Part Number	NP50P03YDG-E1-AY
Manufacturer	Renesas Electronics America
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	8-SMD, Flat Lead Exposed Pad
Series	-
FET Type	P-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	50A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	5V, 10V
Vgs(th) (Max) @ Id	2.5V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	96nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	3500pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	1W (Ta), 102W (Tc)
Rds On (Max) @ Id, Vgs	8.4 mOhm @ 25A, 10V
Operating Temperature	175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	8-HSON
Package / Case	8-SMD, Flat Lead Exposed Pad

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NP50P03YDG-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 Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

NP50P03YDG-E1-AY Payment Methods



NP50P03YDG-E1-AY Shipping Methods



If you have any question about NP50P03YDG-E1-AY, please do not hesitate to contact us!

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