

RJK4512DPE-00#J3 Information


For Reference Only

Part Number [RJK4512DPE-00#J3](#)
Manufacturer Renesas Electronics America
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 450V 14A LDPAK
Package SC-83
 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.


RJK4512DPE-00#J3 Specifications

Manufacturer Part Number	RJK4512DPE-00#J3
Manufacturer	Renesas Electronics America
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	SC-83
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{dss})	450V
Current - Continuous Drain (I _d) @ 25°C	14A (T _a)
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	10V
V _{gs(th)} (Max) @ I _d	-
Gate Charge (Q _g) (Max) @ V _{gs}	29nC @ 10V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	1100pF @ 25V
V _{gs} (Max)	±30V
FET Feature	-
Power Dissipation (Max)	100W (T _c)
R _{ds} On (Max) @ I _d , V _{gs}	510 mOhm @ 7A, 10V
Operating Temperature	150°C (T _J)
Mounting Type	Surface Mount
Supplier Device Package	4-LDPAK
Package / Case	SC-83

[Report errors?](#)

RJK4512DPE-00#J3 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.

RJK4512DPE-00#J3 Payment Methods



RJK4512DPE-00#J3 Shipping Methods



If you have any question about RJK4512DPE-00#J3, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com