

RS1G180MNTB Information


For Reference Only

Part Number [RS1G180MNTB](#)
Manufacturer Rohm Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 40V 18A 8HSOP
Package 8-PowerTDFN
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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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.


RS1G180MNTB Specifications

Manufacturer Part Number	RS1G180MNTB
Manufacturer	Rohm Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	8-PowerTDFN
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	40V
Current - Continuous Drain (Id) @ 25°C	18A (Ta), 80A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2.5V @ 1mA
Gate Charge (Qg) (Max) @ Vgs	19.5nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	1293pF @ 20V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	3W (Ta), 30W (Tc)
Rds On (Max) @ Id, Vgs	7 mOhm @ 18A, 10V
Operating Temperature	150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	8-HSOP
Package / Case	8-PowerTDFN

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RS1G180MNTB 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.

RS1G180MNTB Payment Methods



RS1G180MNTB Shipping Methods



If you have any question about RS1G180MNTB, please do not hesitate to contact us!

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