

SCT2H12NZGC11 Information


For Reference Only

Part Number [SCT2H12NZGC11](#)
Manufacturer Rohm Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 1700V 3.7A
Package TO-3PFM, SC-93-3
 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.


SCT2H12NZGC11 Specifications

Manufacturer Part Number	SCT2H12NZGC11
Manufacturer	Rohm Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-3PFM, SC-93-3
Series	-
FET Type	N-Channel
Technology	SiCFET (Silicon Carbide)
Drain to Source Voltage (Vdss)	1700V
Current - Continuous Drain (Id) @ 25°C	3.7A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	18V
Vgs(th) (Max) @ Id	4V @ 900µA
Gate Charge (Qg) (Max) @ Vgs	14nC @ 18V
Input Capacitance (Ciss) (Max) @ Vds	184pF @ 800V
Vgs (Max)	+22V, -6V
FET Feature	-
Power Dissipation (Max)	35W (Tc)
Rds On (Max) @ Id, Vgs	1.5 Ohm @ 1.1A, 18V
Operating Temperature	175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-3PFM
Package / Case	TO-3PFM, SC-93-3

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SCT2H12NZGC11 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.

SCT2H12NZGC11 Payment Methods



SCT2H12NZGC11 Shipping Methods



If you have any question about SCT2H12NZGC11, please do not hesitate to contact us!

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