

SCT3120ALGC11 Information


For Reference Only

Part Number [SCT3120ALGC11](#)
Manufacturer Rohm Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET NCH 650V 21A TO247N
Package TO-247-3
 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.


SCT3120ALGC11 Specifications

Manufacturer Part Number	SCT3120ALGC11
Manufacturer	Rohm Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-247-3
Series	-
FET Type	N-Channel
Technology	SiCFET (Silicon Carbide)
Drain to Source Voltage (Vdss)	650V
Current - Continuous Drain (Id) @ 25°C	21A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	18V
Vgs(th) (Max) @ Id	5.6V @ 3.33mA
Gate Charge (Qg) (Max) @ Vgs	38nC @ 18V
Input Capacitance (Ciss) (Max) @ Vds	460pF @ 500V
Vgs (Max)	+22V, -4V
FET Feature	-
Power Dissipation (Max)	103W (Tc)
Rds On (Max) @ Id, Vgs	156 mOhm @ 6.7A, 18V
Operating Temperature	175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-247N
Package / Case	TO-247-3

[Report errors?](#)

SCT3120ALGC11 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.

SCT3120ALGC11 Payment Methods



SCT3120ALGC11 Shipping Methods



If you have any question about SCT3120ALGC11, please do not hesitate to contact us!

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