

**SCT3022ALGC11 Information**


For Reference Only

**Part Number** [SCT3022ALGC11](#)  
**Manufacturer** Rohm Semiconductor  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Single](#)  
**Description** MOSFET NCH 650V 93A TO247N  
**Package** TO-247-3  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**SCT3022ALGC11 Specifications**

|  |   |
|--|---|
| Manufacturer Part Number               | <a href="#">SCT3022ALGC11</a>   |
| Manufacturer                           | Rohm Semiconductor  |
| Category                               | Discrete Semiconductor Products<br><a href="#">Transistors - FETs, MOSFETs - Single</a> |
| Package                                | TO-247-3  |
| Series                                 | -   |
| FET Type                               | N-Channel   |
| Technology                             | SiCFET (Silicon Carbide)  |
| Drain to Source Voltage (Vds)          | 650V  |
| Current - Continuous Drain (Id) @ 25°C | 93A (Tc)  |
| Drive Voltage (Max Rds On, Min Rds On) | 18V   |
| Vgs(th) (Max) @ Id                     | 5.6V @ 18.2mA   |
| Gate Charge (Qg) (Max) @ Vgs           | 133nC @ 18V   |
| Input Capacitance (Ciss) (Max) @ Vds   | 2208pF @ 500V   |
| Vgs (Max)                              | +22V, -4V   |
| FET Feature                            | -   |
| Power Dissipation (Max)                | 339W (Tc)   |
| Rds On (Max) @ Id, Vgs                 | 28.6 mOhm @ 36A, 18V  |
| Operating Temperature                  | 175°C (TJ)  |
| Mounting Type                          | Through Hole  |
| Supplier Device Package                | TO-247N   |
| Package / Case                         | TO-247-3  |

[Report errors?](#)

## SCT3022ALGC11 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.

## SCT3022ALGC11 Payment Methods



## SCT3022ALGC11 Shipping Methods



If you have any question about SCT3022ALGC11, please do not hesitate to contact us!

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

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)