

**FQA90N10V2 Information**


For Reference Only

**Part Number** [FQA90N10V2](#)  
**Manufacturer** Fairchild/ON Semiconductor  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Single](#)  
**Description** MOSFET N-CH 100V 105A TO-3P  
**Package** TO-3P-3, SC-65-3  
 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.


**FQA90N10V2 Specifications**

|  |  |
|--|--|
| Manufacturer Part Number               | <a href="#">FQA90N10V2</a>                           |
| Manufacturer                           | Fairchild/ON Semiconductor                           |
| Category                               | Discrete Semiconductor Products                      |
|  | <a href="#">Transistors - FETs, MOSFETs - Single</a> |
| Package                                | TO-3P-3, SC-65-3                                     |
| Series                                 | QFET?  |
| FET Type                               | N-Channel  |
| Technology                             | MOSFET (Metal Oxide)                                 |
| Drain to Source Voltage (Vdss)         | 100V   |
| Current - Continuous Drain (Id) @ 25°C | 105A (Tc)  |
| Drive Voltage (Max Rds On, Min Rds On) | 10V  |
| Vgs(th) (Max) @ Id                     | 4V @ 250µA   |
| Gate Charge (Qg) (Max) @ Vgs           | 191nC @ 10V  |
| Input Capacitance (Ciss) (Max) @ Vds   | 6150pF @ 25V   |
| Vgs (Max)                              | ±30V   |
| FET Feature                            | -  |
| Power Dissipation (Max)                | 330W (Tc)  |
| Rds On (Max) @ Id, Vgs                 | 10 mOhm @ 52.5A, 10V                                 |
| Operating Temperature                  | -55°C ~ 175°C (TJ)                                   |
| Mounting Type                          | Through Hole   |
| Supplier Device Package                | TO-3P  |
| Package / Case                         | TO-3P-3, SC-65-3                                     |
| <a href="#">Report errors?</a>         |  |

## FQA90N10V2 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.

## FQA90N10V2 Payment Methods



## FQA90N10V2 Shipping Methods



If you have any question about FQA90N10V2, please do not hesitate to contact us!

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

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