

NVMFS5C646NLWFAFT1G Information


For Reference Only

Part Number [NVMFS5C646NLWFAFT1G](#)
Manufacturer ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 60V SO8FL
Package 8-PowerTDFN, 5 Leads
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: 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.


NVMFS5C646NLWFAFT1G Specifications

| | |
|--|---|
| Manufacturer Part Number | NVMFS5C646NLWFAFT1G |
| Manufacturer | ON Semiconductor |
| Category | Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single |
| Package | 8-PowerTDFN, 5 Leads |
| Series | Automotive, AEC-Q101 |
| FET Type | N-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (Vdss) | 60V |
| Current - Continuous Drain (Id) @ 25°C | 20A (Ta), 93A (Tc) |
| Drive Voltage (Max Rds On, Min Rds On) | 4.5V, 10V |
| Vgs(th) (Max) @ Id | 2V @ 250µA |
| Gate Charge (Qg) (Max) @ Vgs | 33.7nC @ 10V |
| Input Capacitance (Ciss) (Max) @ Vds | 2164pF @ 25V |
| Vgs (Max) | ±20V |
| FET Feature | - |
| Power Dissipation (Max) | 3.7W (Ta), 79W (Tc) |
| Rds On (Max) @ Id, Vgs | 4.7 mOhm @ 50A, 10V |
| Operating Temperature | -55°C ~ 175°C (TJ) |
| Mounting Type | Surface Mount |
| Supplier Device Package | 5-DFN (5x6) (8-SOFL) |
| Package / Case | 8-PowerTDFN, 5 Leads |

[Report errors?](#)

NVMFS5C646NLWFAFT1G 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.

NVMFS5C646NLWFAFT1G Payment Methods



NVMFS5C646NLWFAFT1G Shipping Methods



If you have any question about NVMFS5C646NLWFAFT1G, please do not hesitate to contact us!

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