

## 2SK3748 Information



For Reference Only

**Part Number** [2SK3748](#)  
**Manufacturer** ON Semiconductor  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Single](#)  
**Description** MOSFET N-CH 1500V 4A TO-3PML  
**Package** TO-3P-3 Full Pack  
 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.



## 2SK3748 Specifications

Manufacturer Part Number	<a href="#">2SK3748</a>
Manufacturer	ON Semiconductor
Category	Discrete Semiconductor Products <a href="#">Transistors - FETs, MOSFETs - Single</a>
Package	TO-3P-3 Full Pack
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	1500V
Current - Continuous Drain (Id) @ 25°C	4A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	-
Gate Charge (Qg) (Max) @ Vgs	80nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	790pF @ 30V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	3W (Ta), 65W (Tc)
Rds On (Max) @ Id, Vgs	7 Ohm @ 2A, 10V
Operating Temperature	150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-3PML
Package / Case	TO-3P-3 Full Pack

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## 2SK3748 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.

## 2SK3748 Payment Methods



## 2SK3748 Shipping Methods



If you have any question about 2SK3748, please do not hesitate to contact us!

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