

**SIB414DK-T1-GE3 Information**


For Reference Only

**Part Number** [SIB414DK-T1-GE3](#)  
**Manufacturer** Vishay Siliconix  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Single](#)  
**Description** MOSFET N-CH 8V 9A PPAK SC75-6  
**Package** PowerPAK? SC-75-6L  
 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.


**SIB414DK-T1-GE3 Specifications**

Manufacturer Part Number	<a href="#">SIB414DK-T1-GE3</a>
Manufacturer	Vishay Siliconix
Category	Discrete Semiconductor Products <a href="#">Transistors - FETs, MOSFETs - Single</a>
Package	PowerPAK? SC-75-6L
Series	TrenchFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	8V
Current - Continuous Drain (Id) @ 25°C	9A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	1.2V, 4.5V
Vgs(th) (Max) @ Id	1V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	14.03nC @ 5V
Input Capacitance (Ciss) (Max) @ Vds	732pF @ 4V
Vgs (Max)	±5V
FET Feature	-
Power Dissipation (Max)	2.4W (Ta), 13W (Tc)
Rds On (Max) @ Id, Vgs	26 mOhm @ 7.9A, 4.5V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	PowerPAK? SC-75-6L Single
Package / Case	PowerPAK? SC-75-6L

[Report errors?](#)

## SIB414DK-T1-GE3 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.

## SIB414DK-T1-GE3 Payment Methods



## SIB414DK-T1-GE3 Shipping Methods



If you have any question about SIB414DK-T1-GE3, please do not hesitate to contact us!

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

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