

SI8416DB-T1-GE3 Information


For Reference Only

Part Number [SI8416DB-T1-GE3](#)
Manufacturer Vishay Siliconix
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 8V 16A MICRO
Package 6-UFBGA
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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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.


SI8416DB-T1-GE3 Specifications

Manufacturer Part Number	SI8416DB-T1-GE3
Manufacturer	Vishay Siliconix
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	6-UFBGA
Series	TrenchFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	8V
Current - Continuous Drain (Id) @ 25°C	16A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	1.2V, 4.5V
Vgs(th) (Max) @ Id	800mV @ 250µA
Gate Charge (Qg) (Max) @ Vgs	26nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	1470pF @ 4V
Vgs (Max)	±5V
FET Feature	-
Power Dissipation (Max)	2.77W (Ta), 13W (Tc)
Rds On (Max) @ Id, Vgs	23 mOhm @ 1.5A, 4.5V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	6-microfoot
Package / Case	6-UFBGA

[Report errors?](#)

SI8416DB-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.

SI8416DB-T1-GE3 Payment Methods



SI8416DB-T1-GE3 Shipping Methods



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