

BSC059N03ST Information


For Reference Only

Part Number [BSC059N03ST](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 30V 50A TDSO8-8
Package 8-PowerVDFN
 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.


BSC059N03ST Specifications

Manufacturer Part Number	BSC059N03ST
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	8-PowerVDFN
Series	OptiMOS?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	19A (Ta), 89A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2V @ 35µA
Gate Charge (Qg) (Max) @ Vgs	21nC @ 5V
Input Capacitance (Ciss) (Max) @ Vds	2670pF @ 15V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	-
Rds On (Max) @ Id, Vgs	5.5 mOhm @ 50A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	P-TDSO8-8
Package / Case	8-PowerVDFN

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BSC059N03ST 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.

BSC059N03ST Payment Methods



BSC059N03ST Shipping Methods



If you have any question about BSC059N03ST, please do not hesitate to contact us!

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