

BSC079N03SG Information


For Reference Only

Part Number [BSC079N03SG](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 30V 40A TDSO-8
Package 8-PowerTDFN
 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.


BSC079N03SG Specifications

Manufacturer Part Number	BSC079N03SG
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	8-PowerTDFN
Series	OptiMOS?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{ds})	30V
Current - Continuous Drain (I _d) @ 25°C	14.6A (T _a), 40A (T _c)
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	4.5V, 10V
V _{gs} (th) (Max) @ I _d	2V @ 30μA
Gate Charge (Q _g) (Max) @ V _{gs}	17nC @ 5V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	2230pF @ 15V
V _{gs} (Max)	±20V
FET Feature	-
Power Dissipation (Max)	2.8W (T _a), 60W (T _c)
R _{ds} On (Max) @ I _d , V _{gs}	7.9 mOhm @ 40A, 10V
Operating Temperature	-55°C ~ 150°C (T _J)
Mounting Type	Surface Mount
Supplier Device Package	PG-TDSO-8
Package / Case	8-PowerTDFN

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BSC079N03SG 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.

BSC079N03SG Payment Methods



BSC079N03SG Shipping Methods



If you have any question about BSC079N03SG, please do not hesitate to contact us!

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