

BSC050NE2LS Information


For Reference Only

Part Number [BSC050NE2LS](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 25V 39A TDFN-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.


BSC050NE2LS Specifications

Manufacturer Part Number	BSC050NE2LS
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})	25V
Current - Continuous Drain (I _d) @ 25°C	39A (Ta), 58A (Tc)
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	4.5V, 10V
V _{gs} (th) (Max) @ I _d	2V @ 250μA
Gate Charge (Q _g) (Max) @ V _{gs}	10.4nC @ 10V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	760pF @ 12V
V _{gs} (Max)	±20V
FET Feature	-
Power Dissipation (Max)	2.5W (Ta), 28W (Tc)
R _{ds} On (Max) @ I _d , V _{gs}	5 mOhm @ 30A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	PG-TDFN-8
Package / Case	8-PowerTDFN

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BSC050NE2LS 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.

BSC050NE2LS Payment Methods



BSC050NE2LS Shipping Methods



If you have any question about BSC050NE2LS, please do not hesitate to contact us!

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