

**BSB013NE2LXI Information**


For Reference Only

**Part Number** [BSB013NE2LXI](#)  
**Manufacturer** Infineon Technologies  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Single](#)  
**Description** MOSFET N-CH 25V 163A WDSO-2  
**Package** 3-WDSO-2  
 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.


**BSB013NE2LXI Specifications**

Manufacturer Part Number	<a href="#">BSB013NE2LXI</a>
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products <a href="#">Transistors - FETs, MOSFETs - Single</a>
Package	3-WDSO-2
Series	OptiMOS?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vds)	25V
Current - Continuous Drain (Id) @ 25°C	36A (Ta), 163A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	62nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	4400pF @ 12V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	2.8W (Ta), 57W (Tc)
Rds On (Max) @ Id, Vgs	1.3 mOhm @ 30A, 10V
Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	MG-WDSO-2, CanPAK M?
Package / Case	3-WDSO-2

[Report errors?](#)

## BSB013NE2LXI 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.

## BSB013NE2LXI Payment Methods



## BSB013NE2LXI Shipping Methods



If you have any question about BSB013NE2LXI, please do not hesitate to contact us!

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

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