

**BSS138BK,215 Information**


For Reference Only

**Part Number** [BSS138BK,215](#)  
**Manufacturer** Nexperia USA Inc.  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Single](#)  
**Description** MOSFET N-CH 60V TO-236AB  
**Package** TO-236-3, SC-59, SOT-23-3  
 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.


**BSS138BK,215 Specifications**

Manufacturer Part Number	<a href="#">BSS138BK,215</a>
Manufacturer	Nexperia USA Inc.
Category	Discrete Semiconductor Products <a href="#">Transistors - FETs, MOSFETs - Single</a>
Package	TO-236-3, SC-59, SOT-23-3
Series	Automotive, AEC-Q101, TrenchMOS?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	60V
Current - Continuous Drain (Id) @ 25°C	360mA (Ta)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	1.6V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	0.7nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	56pF @ 10V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	350mW (Ta), 1.14W (Tc)
Rds On (Max) @ Id, Vgs	1.6 Ohm @ 350mA, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	TO-236AB (SOT23)
Package / Case	TO-236-3, SC-59, SOT-23-3

[Report errors?](#)

## BSS138BK,215 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.

## BSS138BK,215 Payment Methods



## BSS138BK,215 Shipping Methods



If you have any question about BSS138BK,215, please do not hesitate to contact us!

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

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