

BSS138 Information


For Reference Only

Part Number [BSS138](#)
Manufacturer Fairchild/Micros Components
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description DIE MOSFET N-CH 50V LL
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


[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.


BSS138 Specifications

Manufacturer Part Number	BSS138
Manufacturer	Fairchild/Micros Components
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-236-3, SC-59, SOT-23-3
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{dss})	50V
Current - Continuous Drain (I _d) @ 25°C	220mA (Ta)
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	10V
V _{gs} (th) (Max) @ I _d	1.5V @ 1mA
Gate Charge (Q _g) (Max) @ V _{gs}	2.4nC @ 10V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	27pF @ 25V
V _{gs} (Max)	±20V
FET Feature	-
Power Dissipation (Max)	360mW (Ta)
R _{ds} On (Max) @ I _d , V _{gs}	3.5 Ohm @ 220mA, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	SOT-23-3
Package / Case	TO-236-3, SC-59, SOT-23-3

[Report errors?](#)

BSS138 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.

BSS138 Payment Methods



BSS138 Shipping Methods



If you have any question about BSS138, please do not hesitate to contact us!

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

E-mail: salesdept@heisener.com