

BMS4003 Information


For Reference Only

Part Number [BMS4003](#)
Manufacturer ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 100V 18A TO-220ML
Package TO-220-3 Full Pack
 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.


BMS4003 Specifications

Manufacturer Part Number	BMS4003
Manufacturer	ON Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-220-3 Full Pack
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vds)	100V
Current - Continuous Drain (Id) @ 25°C	18A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	5V @ 1mA
Gate Charge (Qg) (Max) @ Vgs	11.4nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	680pF @ 20V
Vgs (Max)	±30V
FET Feature	-
Power Dissipation (Max)	2W (Ta), 25W (Tc)
Rds On (Max) @ Id, Vgs	65 mOhm @ 9A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-220ML
Package / Case	TO-220-3 Full Pack

[Report errors?](#)

BMS4003 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.

BMS4003 Payment Methods



BMS4003 Shipping Methods



If you have any question about BMS4003, please do not hesitate to contact us!

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

E-mail: salesdept@heisener.com