

DMG7N65SCTI Information


For Reference Only

Part Number [DMG7N65SCTI](#)
Manufacturer Diodes Incorporated
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET BVDSS: 501V 650V ITO-220A
Package TO-220-3 Full Pack, Isolated Tab
 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.


DMG7N65SCTI Specifications

Manufacturer Part Number	DMG7N65SCTI
Manufacturer	Diodes Incorporated
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-220-3 Full Pack, Isolated Tab
Series	Automotive, AEC-Q101
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	650V
Current - Continuous Drain (Id) @ 25°C	7.7A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	25.2nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	886pF @ 50V
Vgs (Max)	±30V
FET Feature	-
Power Dissipation (Max)	28W (Tc)
Rds On (Max) @ Id, Vgs	1.4 Ohm @ 2.5A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	ITO-220AB
Package / Case	TO-220-3 Full Pack, Isolated Tab

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DMG7N65SCTI 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.

DMG7N65SCTI Payment Methods



DMG7N65SCTI Shipping Methods



If you have any question about DMG7N65SCTI, please do not hesitate to contact us!

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