

MTB50P03HDLG Information


For Reference Only

Part Number [MTB50P03HDLG](#)
Manufacturer ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET P-CH 30V 50A D2PAK
Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
 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.


MTB50P03HDLG Specifications

Manufacturer Part Number	MTB50P03HDLG
Manufacturer	ON Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Series	-
FET Type	P-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	50A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	5V
Vgs(th) (Max) @ Id	2V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	100nC @ 5V
Input Capacitance (Ciss) (Max) @ Vds	4900pF @ 25V
Vgs (Max)	±15V
FET Feature	-
Power Dissipation (Max)	2.5W (Ta), 125W (Tc)
Rds On (Max) @ Id, Vgs	25 mOhm @ 25A, 5V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	D2PAK
Package / Case	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB

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MTB50P03HDLG 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.

MTB50P03HDLG Payment Methods



MTB50P03HDLG Shipping Methods



If you have any question about MTB50P03HDLG, please do not hesitate to contact us!

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