

FQB6N50TM Information


For Reference Only

Part Number [FQB6N50TM](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 500V 5.5A 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


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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.


FQB6N50TM Specifications

Manufacturer Part Number	FQB6N50TM
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Series	QFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	500V
Current - Continuous Drain (Id) @ 25°C	5.5A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	5V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	22nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	790pF @ 25V
Vgs (Max)	±30V
FET Feature	-
Power Dissipation (Max)	3.13W (Ta), 130W (Tc)
Rds On (Max) @ Id, Vgs	1.3 Ohm @ 2.8A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	D2PAK (TO-263AB)
Package / Case	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB

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FQB6N50TM 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.

FQB6N50TM Payment Methods



FQB6N50TM Shipping Methods



If you have any question about FQB6N50TM, please do not hesitate to contact us!

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