

FB180SA10 Information


For Reference Only

Part Number [FB180SA10](#)
Manufacturer Vishay Semiconductor Diodes Division
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 100V 180A SOT-227
Package SOT-227-4, miniBLOC
 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.


FB180SA10 Specifications

Manufacturer Part Number	FB180SA10
Manufacturer	Vishay Semiconductor Diodes Division
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	SOT-227-4, miniBLOC
Series	HEXFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{dss})	100V
Current - Continuous Drain (I _d) @ 25°C	180A
Drive Voltage (Max R _{ds On} , Min R _{ds On})	10V
V _{gs(th)} (Max) @ I _d	4V @ 250μA
Gate Charge (Q _g) (Max) @ V _{gs}	380nC @ 10V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	10700pF @ 25V
V _{gs} (Max)	±20V
FET Feature	-
Power Dissipation (Max)	480W (T _c)
R _{ds On} (Max) @ I _d , V _{gs}	6.5 mOhm @ 108A, 10V
Operating Temperature	-55°C ~ 150°C (T _J)
Mounting Type	Chassis Mount
Supplier Device Package	SOT-227B
Package / Case	SOT-227-4, miniBLOC

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FB180SA10 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.

FB180SA10 Payment Methods



FB180SA10 Shipping Methods



If you have any question about FB180SA10, please do not hesitate to contact us!

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