

FDBL86561_F085 Information


For Reference Only

Part Number [FDBL86561_F085](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 60V 300A PSOF8
Package 8-PowerSFN
 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.


FDBL86561_F085 Specifications

Manufacturer Part Number	FDBL86561_F085
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	8-PowerSFN
Series	Automotive, AEC-Q101, PowerTrench?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	60V
Current - Continuous Drain (Id) @ 25°C	300A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	220nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	13650pF @ 30V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	429W (Tj)
Rds On (Max) @ Id, Vgs	1.1 mOhm @ 80A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	8-PSOF
Package / Case	8-PowerSFN

[Report errors?](#)

FDBL86561_F085 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.

FDBL86561_F085 Payment Methods



FDBL86561_F085 Shipping Methods



If you have any question about FDBL86561_F085, please do not hesitate to contact us!

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