

FDS4559_F085 Information


For Reference Only

Part Number [FDS4559_F085](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Arrays](#)
Description MOSFET N/P-CH 60V 4.5A/3.5A 8-SO
Package 8-SOIC (0.154", 3.90mm Width)
 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.


FDS4559_F085 Specifications

Manufacturer Part Number	FDS4559_F085
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Arrays
Package	8-SOIC (0.154", 3.90mm Width)
Series	Automotive, AEC-Q101, PowerTrench?
FET Type	N and P-Channel
FET Feature	Logic Level Gate
Drain to Source Voltage (Vds)	60V
Current - Continuous Drain (Id) @ 25°C	4.5A, 3.5A
Rds On (Max) @ Id, Vgs	55 mOhm @ 4.5A, 10V
Vgs(th) (Max) @ Id	3V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	18nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	650pF @ 25V
Power - Max	2W
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Package / Case	8-SOIC (0.154", 3.90mm Width)
Supplier Device Package	8-SO

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FDS4559_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.

FDS4559_F085 Payment Methods



FDS4559_F085 Shipping Methods



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