

FDWS9420_F085 Information


For Reference Only

Part Number [FDWS9420_F085](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Arrays](#)
Description 40V DUAL AUTO N-CH POWER TRENCH
Package 8-PowerTDFN
 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.


FDWS9420_F085 Specifications

Manufacturer Part Number	FDWS9420_F085
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Arrays
Package	8-PowerTDFN
Series	-
FET Type	2 N-Channel (Dual)
FET Feature	Standard
Drain to Source Voltage (V _{ds})	40V
Current - Continuous Drain (I _d) @ 25°C	20A (T _c)
R _{ds} On (Max) @ I _d , V _{gs}	5.8 mOhm @ 20A, 10V
V _{gs} (th) (Max) @ I _d	4V @ 250μA
Gate Charge (Q _g) (Max) @ V _{gs}	43nC @ 10V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	2100pF @ 20V
Power - Max	75W
Operating Temperature	-55°C ~ 175°C (T _J)
Mounting Type	Surface Mount
Package / Case	8-PowerTDFN
Supplier Device Package	8-PQFN (5x6)

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FDWS9420_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.

FDWS9420_F085 Payment Methods



FDWS9420_F085 Shipping Methods



If you have any question about FDWS9420_F085, please do not hesitate to contact us!

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