

FDD4685 Information


For Reference Only

Part Number [FDD4685](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET P-CH 40V 8.4A DPAK
Package TO-252-3, DPak (2 Leads + Tab), SC-63
 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.


FDD4685 Specifications

Manufacturer Part Number	FDD4685
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Series	PowerTrench?
FET Type	P-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{dss})	40V
Current - Continuous Drain (I _d) @ 25°C	8.4A (Ta), 32A (Tc)
Drive Voltage (Max R _{ds On} , Min R _{ds On})	4.5V, 10V
V _{gs(th)} (Max) @ I _d	3V @ 250μA
Gate Charge (Q _g) (Max) @ V _{gs}	27nC @ 5V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	2380pF @ 20V
V _{gs} (Max)	±20V
FET Feature	-
Power Dissipation (Max)	69W (Tc)
R _{ds On} (Max) @ I _d , V _{gs}	27 mOhm @ 8.4A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	D-PAK (TO-252AA)
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63

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FDD4685 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.

FDD4685 Payment Methods



FDD4685 Shipping Methods



If you have any question about FDD4685, please do not hesitate to contact us!

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