

**FDS4685 Information**


For Reference Only

**Part Number** [FDS4685](#)  
**Manufacturer** Fairchild/ON Semiconductor  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Single](#)  
**Description** MOSFET P-CH 40V 8.2A 8SOIC  
**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](mailto: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.


**FDS4685 Specifications**

Manufacturer Part Number	<a href="#">FDS4685</a>
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products <a href="#">Transistors - FETs, MOSFETs - Single</a>
Package	8-SOIC (0.154", 3.90mm Width)
Series	PowerTrench?
FET Type	P-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	40V
Current - Continuous Drain (Id) @ 25°C	8.2A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	3V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	27nC @ 5V
Input Capacitance (Ciss) (Max) @ Vds	1872pF @ 20V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	2.5W (Ta)
Rds On (Max) @ Id, Vgs	27 mOhm @ 8.2A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	8-SO
Package / Case	8-SOIC (0.154", 3.90mm Width)

[Report errors?](#)

## FDS4685 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.

## FDS4685 Payment Methods



## FDS4685 Shipping Methods



If you have any question about FDS4685, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)