

**FDD8424H\_F085A Information**


For Reference Only

**Part Number** [FDD8424H\\_F085A](#)  
**Manufacturer** Fairchild/ON Semiconductor  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Arrays](#)  
**Description** MOSFET N/P-CH 40V 9A/6.5A DPAK  
**Package** TO-252-5, DPak (4 Leads + Tab), TO-252AD  
 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.


**FDD8424H\_F085A Specifications**

Manufacturer Part Number	<a href="#">FDD8424H_F085A</a>
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products <a href="#">Transistors - FETs, MOSFETs - Arrays</a>
Package	TO-252-5, DPak (4 Leads + Tab), TO-252AD
Series	PowerTrench?
FET Type	N and P-Channel
FET Feature	Logic Level Gate
Drain to Source Voltage (V <sub>dss</sub> )	40V
Current - Continuous Drain (I <sub>d</sub> ) @ 25°C	9A, 6.5A
R <sub>ds</sub> On (Max) @ I <sub>d</sub> , V <sub>gs</sub>	24 mOhm @ 9A, 10V
V <sub>gs(th)</sub> (Max) @ I <sub>d</sub>	3V @ 250μA
Gate Charge (Q <sub>g</sub> ) (Max) @ V <sub>gs</sub>	20nC @ 10V
Input Capacitance (C <sub>iss</sub> ) (Max) @ V <sub>ds</sub>	1000pF @ 20V
Power - Max	1.3W
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Package / Case	TO-252-5, DPak (4 Leads + Tab), TO-252AD
Supplier Device Package	TO-252-5

[Report errors?](#)

## FDD8424H\_F085A 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.

## FDD8424H\_F085A Payment Methods



## FDD8424H\_F085A Shipping Methods



If you have any question about FDD8424H\_F085A, please do not hesitate to contact us!

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

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