









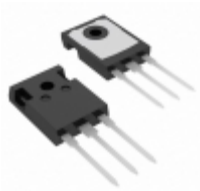
	<h2 style="color: #E67E22;">FDH5500-F085</h2>
	<p><b>Manufacturer Part Number:</b> <a href="#">FDH5500-F085</a></p> <p><b>Manufacturer/Brand:</b> <a href="#">AMI Semiconductor / ON Semiconductor</a></p> <p><b>Part of Description:</b> MOSFET N-CH 55V 75A TO-247</p> <p><b>Datasheets:</b>  <a href="#">FDH5500-F085.pdf</a></p> <p><b>RoHS Status:</b>  Lead free / RoHS</p> <p><b>Stock Condition:</b> Compliant New original, Stock Available.</p> <p><b>Ship From:</b> Hong Kong</p> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p>
	
<p>Image may be representation. See specs for product details.</p>	

### Specifications

Part Number	<a href="#">FDH5500-F085</a>
Manufacturer	<a href="#">AMI Semiconductor / ON Semiconductor</a>
Description	MOSFET N-CH 55V 75A TO-247
Category	<a href="#">Discrete Semiconductor Products &gt; Transistors - FETs,</a>
Part Status	<a href="#">Require For Quote &amp; Check Stock</a>
Vgs(th) (Max) @ Id	4V @ 250µA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	TO-247
Series	Automotive, AEC-Q101, UltraFET™
Rds On (Max) @ Id, Vgs	7 mOhm @ 75A, 10V
Power Dissipation (Max)	375W (Tc)
Packaging	Tube
Package / Case	TO-247-3
Other Names	FDH5500_F085
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	3565pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	268nC @ 20V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	55V
Detailed Description	N-Channel 55V 75A (Tc) 375W (Tc) Through Hole TO-
Current - Continuous Drain (Id) @ 25°C	75A (Tc)

FDH5500-F085 Electronic Components is 100% New Original from YIC Distributor, Search FDH5500-F085 Datasheets, PDF, Inventory at Y-IC.com Online, Order FDH5500-F085 AMI Semiconductor / ON Semiconductor with Warrantied and Confidence. Ship by DHL/FedEx/TNT/UPS Express. Support Payment with Telegraphic Transfer(T/T) or PayPal.  
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