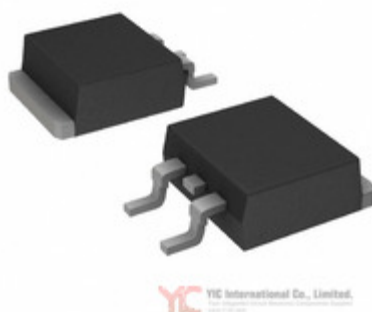


	<h2 style="color: #E67E22;">FDB86569-F085</h2>
	<b>Manufacturer Part Number:</b> <a href="#">FDB86569-F085</a>
	<b>Manufacturer/Brand:</b> <a href="#">AMI Semiconductor / ON Semiconductor</a>
	<b>Part of Description:</b> MOSFET N-CH 60V 80A D2PAK
	<b>Datasheets:</b>  <a href="#">FDB86569-F085.pdf</a>
	<b>RoHS Status:</b>  Lead free / RoHS
	<b>Stock Condition:</b> Compliant New original, Stock Available.
<b>Ship From:</b> Hong Kong	
<b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS	
<p>Image may be representation. See specs for product details.</p>	

### Specifications

Part Number	<a href="#">FDB86569-F085</a>
Manufacturer	<a href="#">AMI Semiconductor / ON Semiconductor</a>
Description	MOSFET N-CH 60V 80A D2PAK
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	D <sup>2</sup> PAK (TO-263AB)
Series	Automotive, AEC-Q101, PowerTrench®
Rds On (Max) @ Id, Vgs	5.6 mOhm @ 80A, 10V
Power Dissipation (Max)	94W (Tj)
Packaging	Tape & Reel (TR)
Package / Case	TO-263-3, D <sup>2</sup> Pak (2 Leads + Tab), TO-263AB
Other Names	FDB86569-F085TR
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	2520pF @ 30V
Gate Charge (Qg) (Max) @ Vgs	52nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	60V
Detailed Description	N-Channel 60V 80A (Tc) 94W (Tj) Surface Mount D <sup>2</sup> PAK
Current - Continuous Drain (Id) @ 25°C	80A (Tc)

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 <p><b>FDB8832_F085</b> Fairchild/ON Semiconductor FDB8832_F085 Fairchild/ON Semiconductor</p>	 <p><b>FDB86566_F085</b> Fairchild/ON Semiconductor MOSFET N-CH 60V 110A D2PAK</p>	 <p><b>FDB8832-F085</b> AMI Semiconductor / ON Semiconductor MOSFET N-CH 30V 34A D2PAK</p>	 <p><b>FDB8832</b> Fairchild/ON Semiconductor MOSFET N-CH 30V 80A D2PAK</p>

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