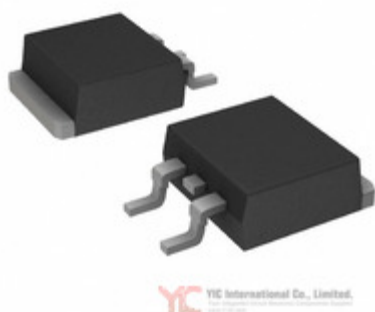


	<p><b>FDB8445-F085</b></p>
	<p><b>Manufacturer Part Number:</b> FDB8445-F085</p>
	<p><b>Manufacturer/Brand:</b> AMI Semiconductor / ON Semiconductor</p>
	<p><b>Part of Description:</b> MOSFET N-CH 40V 70A D2PAK</p>
	<p><b>Datasheets:</b>  <a href="#">FDB8445-F085.pdf</a></p>
	<p><b>RoHS Status:</b>  Lead free / RoHS</p>
	<p><b>Stock Condition:</b> Compliant New original, Stock Available.</p>
	<p><b>Ship From:</b> Hong Kong</p>
<p>Image may be representation. See specs for product details.</p>	<p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p>

### Specifications

Part Number	FDB8445-F085
Manufacturer	AMI Semiconductor / ON Semiconductor
Description	MOSFET N-CH 40V 70A D2PAK
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	Require For Quote & Check Stock
Vgs(th) (Max) @ Id	4V @ 250µA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	TO-263AB
Series	Automotive, AEC-Q101, PowerTrench®
Rds On (Max) @ Id, Vgs	9 mOhm @ 70A, 10V
Power Dissipation (Max)	92W (Tc)
Packaging	Tape & Reel (TR)
Package / Case	TO-263-3, D²Pak (2 Leads + Tab), TO-263AB
Other Names	FDB8445-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	3805pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	62nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	40V
Detailed Description	N-Channel 40V 70A (Tc) 92W (Tc) Surface Mount TO-
Current - Continuous Drain (Id) @ 25°C	70A (Tc)

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FDB8445-F085 AMI Semiconductor / ON Semiconductor	FDB8445-F085 Data Sheet	FDB8445-F085 Datasheets	FDB8445-F085 PDF	AMI Semiconductor / ON Semiconductor FDB8445-F085
FDB8445-F085 Electronic	FDB8445-F085 Components	FDB8445-F085 Distributor	FDB8445-F085 Image	FDB8445-F085 Part
FDB8445-F085 Price	FDB8445-F085 Manufacturer	FDB8445-F085 Picture	FDB8445-F085 Stock	FDB8445-F085 Inventory
FDB8445-F085 New	FDB8445-F085 Original	FDB8445-F085 Warrantied	FDB8445-F085 RFQ	FDB8445-F085 Order Online