

 <p>Image may be representation. See specs for product details.</p>	<h2 style="color: red;">FDD8447L_F085</h2> <p>Manufacturer Part Number: FDD8447L_F085</p> <p>Manufacturer/Brand: Fairchild/ON Semiconductor</p> <p>Part of Description: FDD8447L_F085 Fairchild/ON Semiconductor</p> <p>Datasheets:  FDD8447L_F085.pdf</p> <p>RoHS Status:  Lead free / RoHS Compliant</p> <p>Stock Condition: New original, 22800 pcs Stock Available.</p> <p>Ship From: Hong Kong</p> <p>Shipment Way: DHL/Fedex/TNT/UPS/EMS</p>
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Specifications

Part Number	FDD8447L_F085
Manufacturer	Fairchild/ON Semiconductor
Description	FDD8447L_F085 Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	22800 pcs Stock
Series	Automotive, AEC-Q101, PowerTrench®
Technology	MOSFET (Metal Oxide)
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
Supplier Device Package	D-PAK (TO-252AA)
Power Dissipation (Max)	65W (Tc)
FET Type	N-Channel
FET Feature	-
Drain to Source Voltage (Vdss)	40V
Current - Continuous Drain (Id) @ 25°C	50A (Tc)
Rds On (Max) @ Id, Vgs	8.5 mOhm @ 14A, 10V
Vgs(th) (Max) @ Id	3V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	52nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	1970pF @ 20V
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs (Max)	±20V
Packaging	Tape & Reel (TR)











































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|  FDD7N60NZ |  FDD7N60NZTM |  FDD7N60NZTM |  FDD8424H |  FDD8424H |
|  FDD8424H_F085 |  FDD8424H_F085 |  FDD8424H_F085A |  FDD8424H_F085A |  FDD8426H |
|  FDD8426H |  FDD8426H-F085A |  FDD8444-NL |  FDD8444L |  FDD8444L |
|  FDD8444L_F085 |  FDD8444_F085 |  FDD8445_F085 |  FDD8447L |  FDD8447L |
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