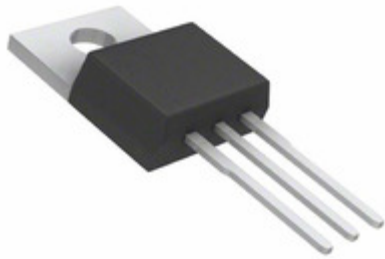




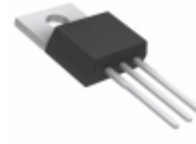




	<h2 style="color: #E67E22;">FDP085N10A-F102</h2>
	<b>Manufacturer Part Number:</b> FDP085N10A-F102
	<b>Manufacturer/Brand:</b> AMI Semiconductor / ON Semiconductor
	<b>Part of Description:</b> MOSFET N-CH 100V 96A TO-220-3
	<b>Datasheets:</b>  <a href="#">FDP085N10A-F102.pdf</a>
	<b>RoHS Status:</b>  Lead free / RoHS
	<b>Stock Condition:</b> Compliant New original, Stock Available.
	<b>Ship From:</b> Hong Kong
Image may be representation. See specs for product details.	<b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS

### Specifications

Part Number	FDP085N10A-F102
Manufacturer	AMI Semiconductor / ON Semiconductor
Description	MOSFET N-CH 100V 96A TO-220-3
Category	<a href="#">Discrete Semiconductor Products</a> > <a href="#">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-220-3
Series	PowerTrench®
Rds On (Max) @ Id, Vgs	8.5 mOhm @ 96A, 10V
Power Dissipation (Max)	188W (Tc)
Packaging	Tube
Package / Case	TO-220-3
Other Names	FDP085N10A_F102
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	39 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	2695pF @ 50V
Gate Charge (Qg) (Max) @ Vgs	40nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	100V
Detailed Description	N-Channel 100V 96A (Tc) 188W (Tc) Through Hole TO-
Current - Continuous Drain (Id) @ 25°C	96A (Tc)

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FDP085N10A-F102 Price	FDP085N10A-F102 Manufacturer	FDP085N10A-F102 Picture	FDP085N10A-F102 Stock	FDP085N10A-F102 Inventory
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