










	<h2 style="color: red;">FDU8780</h2>
	<b>Manufacturer Part Number:</b> <a href="#">FDU8780</a>
	<b>Manufacturer/Brand:</b> <a href="#">AMI Semiconductor / ON Semiconductor</a>
	<b>Part of Description:</b> MOSFET N-CH 25V 35A I-PAK
	<b>Datasheets:</b>  <a href="#">FDU8780.pdf</a>
	<b>RoHS Status:</b>  Lead free / RoHS
	<b>Stock Condition:</b> Compliant New original, 19662 pcs 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	FDU8780
Manufacturer	AMI Semiconductor / ON Semiconductor
Description	MOSFET N-CH 25V 35A I-PAK
Category	<a href="#">Discrete Semiconductor Products</a> > <a href="#">Transistors - FETs</a> ,
Part Status	19662 pcs Stock
Vgs(th) (Max) @ Id	2.5V @ 250µA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	TO-251AA
Series	PowerTrench®
Rds On (Max) @ Id, Vgs	8.5 mOhm @ 35A, 10V
Power Dissipation (Max)	50W (Tc)
Packaging	Tube
Package / Case	TO-251-3 Short Leads, IPak, TO-251AA
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	1440pF @ 13V
Gate Charge (Qg) (Max) @ Vgs	29nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Drain to Source Voltage (Vdss)	25V
Detailed Description	N-Channel 25V 35A (Tc) 50W (Tc) Through Hole TO-
Current - Continuous Drain (Id) @ 25°C	35A (Tc)

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