



FQA6N90

Manufacturer Part Number:	FQA6N90
Manufacturer / Brand	AMI Semiconductor / ON Semiconductor
Part of Description:	MOSFET N-CH 900V 6.4A TO-3P
Datasheets:	FQA6N90.pdf
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 100 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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The specifications of FQA6N90

Part Number	FQA6N90	Manufacturer / Brand	AMI Semiconductor / ON Semiconductor
Series	QFET®	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Package / Case	TO-3P-3, SC-65-3	Packaging	Tube
Mounting Type	Through Hole	Supplier Device Package	TO-3P
Operating Temperature	-55°C ~ 150°C (TJ)	Detailed Description	N-Channel 900V 6.4A (Tc) 198W (Tc) Through Hole TO-3P
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	198W (Tc)
FET Type	N-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	900V	Current - Continuous Drain (Id) @ 25°C	6.4A (Tc)
Rds On (Max) @ Id, Vgs	1.9 Ohm @ 3.2A, 10V	Vgs(th) (Max) @ Id	5V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	52nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	1880pF @ 25V
Drive Voltage (Max Rds On, Min Rds On)	10V	Vgs (Max)	±30V
Stock Quantity	100 pcs Stock	Category	Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single
Description	MOSFET N-CH 900V 6.4A TO-3P	Lead Free Status / RoHS Status	Lead free / RoHS Compliant

Keywords related to FQA6N90

AMI Semiconductor / ON Semiconductor FQA6N90	FQA6N90 part	FQA6N90 Price	FQA6N90 Distributor
FQA6N90 Technical	FQA6N90 Stock	FQA6N90 Inventory	FQA6N90 Supplier
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<p>FQA46N15_F109 Description: MOSFET N-CH 150V 50A TO-3P Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 6600 pcs Stock Available. Quote: RFQ</p>	<p>IMAGE NOT AVAILABLE</p> <p>FQA8N90 Description: FQA8N90 FSC TO-3P Manufacturers: FSC In Stock: New original, 100 pcs Stock Available. Quote: RFQ</p>	<p>FQA62N25C Description: MOSFET N-CH 250V 62A TO-3P Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 9000 pcs Stock Available. Quote: RFQ</p>
<p>FQA7N80C Description: MOSFET N-CH 800V 7A TO-3P Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 900 pcs Stock Available. Quote: RFQ</p>	<p>FQA46P15 Description: FQA46P15 FAIRCHILD TO-3P Manufacturers: Fairchild/ON Semiconductor In Stock: New original, 32400 pcs Stock Available. Quote: RFQ</p>	<p>FQA90N10V2 Description: MOSFET N-CH 100V 105A TO-3P Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 5900 pcs Stock Available. Quote: RFQ</p>
<p>FQA8N90C Description: MOSFET N-CH 900V 8A TO-3P Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 300 pcs Stock Available. Quote: RFQ</p>	<p>FQA65N06 Description: MOSFET N-CH 60V 72A TO-3P Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 32400 pcs Stock Available. Quote: RFQ</p>	<p>FQA6N80 Description: MOSFET N-CH 800V 6.3A TO-3P Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 400 pcs Stock Available. Quote: RFQ</p>
<p>IMAGE NOT AVAILABLE</p> <p>FQA46P06 Description: FQA46P06 FSC TO-3P Manufacturers: FSC In Stock: New original, 32400 pcs Stock Available. Quote: RFQ</p>	<p>FQA70N10 Description: MOSFET N-CH 100V 70A TO-3P Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 5600 pcs Stock Available. Quote: RFQ</p>	<p>FQA90N15 Description: MOSFET N-CH 150V 90A TO-3P Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 5800 pcs Stock Available. Quote: RFQ</p>
<p>FQA7N60 Description: MOSFET N-CH 600V 7.7A TO-3P Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 600 pcs Stock Available. Quote: RFQ</p>	<p>FQA46N15 Description: MOSFET N-CH 150V 50A TO-3P Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 7400 pcs Stock Available. Quote: RFQ</p>	<p>FQA5N90 Description: MOSFET N-CH 900V 5.8A TO-3P Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 500 pcs Stock Available. Quote: RFQ</p>
<p>FQA55N10 Description: MOSFET N-CH 100V 61A TO-3P Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 5700 pcs Stock Available. Quote: RFQ</p>	<p>FQA7N90M Description: MOSFET N-CH 900V 7A TO-3P Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 300 pcs Stock Available. Quote: RFQ</p>	<p>IMAGE NOT AVAILABLE</p> <p>FQA8N80 Description: FQA8N80 FSC TO-3P Manufacturers: FSC In Stock: New original, 1100 pcs Stock Available. Quote: RFQ</p>
<p>FQA70N15 Description: MOSFET N-CH 150V 70A TO-3P Manufacturers: FDK America In Stock: New original, 5400 pcs Stock Available. Quote: RFQ</p>	<p>FQA90N08 Description: MOSFET N-CH 80V 90A TO-3P Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 5700 pcs Stock Available. Quote: RFQ</p>	<p>IMAGE NOT AVAILABLE</p> <p>FQA62N25 Description: FQA62N25 FSC TO-3P Manufacturers: FSC In Stock: New original, 100 pcs Stock Available. Quote: RFQ</p>
<p>FQA65N20 Description: MOSFET N-CH 200V 65A TO-3P Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 5500 pcs Stock Available. Quote: RFQ</p>	<p>FQA6N70 Description: MOSFET N-CH 700V 6.4A TO-3P Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 100 pcs Stock Available. Quote: RFQ</p>	<p>FQA48N20 Description: MOSFET N-CH 200V 48A TO-3P Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 8700 pcs Stock Available. Quote: RFQ</p>
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<p>FQA8N100C Description: MOSFET N-CH 1000V 8A TO-3P Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 5500 pcs Stock Available. Quote: RFQ</p>	<p>FQA55N25 Description: MOSFET N-CH 250V 55A TO-3P Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 5700 pcs Stock Available. Quote: RFQ</p>	<p>IMAGE NOT AVAILABLE</p> <p>FQA6N90C Description: FQA6N90C FSC TO-247 Manufacturers: FSC In Stock: New original, 1400 pcs Stock Available. Quote: RFQ</p>



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