



### FDMS86101DC

Manufacturer Part Number:	FDMS86101DC
Manufacturer / Brand:	AMI Semiconductor / ON Semiconductor
Part of Description:	MOSFET N-CH 100V 14.5A 8-PQFN
Datasheets:	FDMS86101DC.pdf
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 900 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

[GET A QUOTE](#)

**FDMS86101DC** 100% New Original 900pcs in Stock, Find FDMS86101DC Price, Stock, datasheet at IC Components Ltd Online, buy FDMS86101DC AMI Semiconductor / ON Semiconductor with warrantied, 100% guarantee confidence. RFQ FDMS86101DC: [Info@IC-Components.com](mailto:Info@IC-Components.com)

### The specifications of FDMS86101DC

Part Number	FDMS86101DC	Manufacturer / Brand	AMI Semiconductor / ON Semiconductor
Series	Dual Cool™, PowerTrench®	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Package / Case	8-PowerTDFN	Packaging	Original-Reel®
Mounting Type	Surface Mount	Supplier Device Package	Dual Cool™56
Operating Temperature	-55°C ~ 150°C (TJ)	Detailed Description	N-Channel 100V 14.5A (Ta), 60A (Tc) 3.2W (Ta), 125W (Tc) Surface Mount Dual Cool™56
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	3.2W (Ta), 125W (Tc)
FET Type	N-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	100V	Current - Continuous Drain (Id) @ 25°C	14.5A (Ta), 60A (Tc)
Rds On (Max) @ Id, Vgs	7.5 mOhm @ 14.5A, 10V	Vgs(th) (Max) @ Id	4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	44nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	3135pF @ 50V
Drive Voltage (Max Rds On, Min Rds On)	6V, 10V	Vgs (Max)	±20V
Other Names	FDMS86101DCDKR	Stock Quantity	900 pcs Stock
Category	<a href="#">Discrete Semiconductor Products</a> > <a href="#">Transistors - FETs, MOSFETs - Single</a>	Description	MOSFET N-CH 100V 14.5A 8-PQFN
Lead Free Status / RoHS Status	Lead free / RoHS Compliant		

### Keywords related to FDMS86101DC

AMI Semiconductor / ON Semiconductor FDMS86101DC	FDMS86101DC part	FDMS86101DC Price	FDMS86101DC Distributor
FDMS86101DC Supplier	FDMS86101DC Technical	FDMS86101DC Stock	FDMS86101DC Inventory
FDMS86101DC Picture	FDMS86101DC Online Order	FDMS86101DC Inquiry	FDMS86101DC Image
FDMS86101DC pdf datasheet	FDMS86101DC pdf	FDMS86101DC datasheet	FDMS86101DC data sheet
Download FDMS86101DC datasheet	Download FDMS86101DC datasheet	AMI Semiconductor / ON Semiconductor Manufacturer	AMI Semiconductor / ON Semiconductor FDMS86101DC
ON Semiconductor FDMS86101DC	Aptina / ON Semiconductor FDMS86101DC	Catalyst Semiconductor / ON Semiconductor FDMS86101DC	PulseCore Semiconductor / ON Semiconductor FDMS86101DC
Sanyo Semiconductor / ON Semiconductor FDMS86101DC			

### You May Be Also Be interested In:

<p><b>FDMS86182</b> Description: MOSFET N-CH 100V 78A 8PQFN Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 2400 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>FDMS86250</b> Description: MOSFET N-CH 150V 6.7A 8-PQFN Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 2900 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>FDMS86200</b> Description: MOSFET N-CH 150V POWER56 Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 6000 pcs Stock Available. Quote: <a href="#">RFQ</a></p>
<p><b>FDMS8460S</b> Description: FDMS8460S FAIRCHILD QFN Manufacturers: Fairchild/ON Semiconductor In Stock: New original, 3200 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>FDMS8560S</b> Description: MOSFET N-CH 25V 30A 8-PQFN Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 22100 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>FDMS8460</b> Description: MOSFET N-CH 40V 25A POWER56 Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 19000 pcs Stock Available. Quote: <a href="#">RFQ</a></p>
<p><b>FDMS86150</b> Description: MOSFET N CH 100V 16A POWER56 Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 2600 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>FDMS86102LZ</b> Description: MOSFET N-CH 100V 7A 8-PQFN Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 3100 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>FDMS8050ET30</b> Description: MOSFET N-CH 30V 55A 8-PQFN Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 600 pcs Stock Available. Quote: <a href="#">RFQ</a></p>
<p><b>FDMS86183</b> Description: MOSFET N-CH 100V 51A 8PQFN Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 2400 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>FDMS8333L</b> Description: MOSFET N CH 40V 22A POWER 56 Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 20300 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>FDMS86201</b> Description: MOSFET N-CH 120V POWER56 Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 1600 pcs Stock Available. Quote: <a href="#">RFQ</a></p>
<p><b>FDMS8320LDC</b> Description: MOSFET N-CH 40V 44A POWER56 Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 100 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>FDMS86101A</b> Description: MOSFET N-CH 100V 13A POWER56 Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 1000 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>FDMS8322</b> Description: FDMS8322 FAIRCHILD/ DFN-85x6 Manufacturers: Fairchild/ON Semiconductor In Stock: New original, 6000 pcs Stock Available. Quote: <a href="#">RFQ</a></p>
<p><b>FDMS8558SDC</b> Description: MOSFET N-CH 25V 33A 8-PQFN Manufacturers: FDK America In Stock: New original, 3000 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>FDMS86104</b> Description: MOSFET N-CH 100V 7A POWER56 Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 5600 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>FDMS8622</b> Description: MOSFET N-CH 100V 4.8A 8-PQFN Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 5900 pcs Stock Available. Quote: <a href="#">RFQ</a></p>
<p><b>FDMS8570S</b> Description: MOSFET N-CH 25V 24A 8-PQFN Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 20100 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>FDMS86103L</b> Description: MOSFET N-CH 100V 12A POWER56 Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 2400 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>FDMS86252</b> Description: MOSFET N-CH 150V 16A POWER56 Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 100 pcs Stock Available. Quote: <a href="#">RFQ</a></p>
<p><b>FDMS86105</b> Description: MOSFET N-CH 100V POWER56 Manufacturers: FDK America In Stock: New original, 4300 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>FDMS86180</b> Description: MOSFET N-CH 100V 151A 8PQFN Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 100 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>FDMS8570SDC</b> Description: MOSFET N-CH 25V 28A PQFN Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 100 pcs Stock Available. Quote: <a href="#">RFQ</a></p>
<p><b>FDMS8050</b> Description: MOSFET N-CHANNEL 30V 55A 8PQFN Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 3000 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>FDMS8558S</b> Description: MOSFET N-CH 25V 33A 8-PQFN Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 7900 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>FDMS86152</b> Description: MOSFET N-CH 100V 14A POWER56 Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 2300 pcs Stock Available. Quote: <a href="#">RFQ</a></p>
<p><b>FDMS86101</b> Description: MOSFET N-CH 100V 12.4A POWER56 Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 12000 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>FDMS86181</b> Description: MOSFET N-CH 100V 44A POWER56 Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 2500 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>FDMS8320L</b> Description: MOSFET N-CH 40V 36A 8-PQFN Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 900 pcs Stock Available. Quote: <a href="#">RFQ</a></p>



**IC Components Limited**  
WWW.IC-COMPONENTS.COM

Email: [Info@IC-Components.com](mailto:Info@IC-Components.com)  
TEL: 00 852 - 30501935  
FAX: 00 852 - 30501945

Address: 6H Block 1, Sherwood Court, Kingswood Villa, Tin Shui Wai, New Territories, Hong Kong