









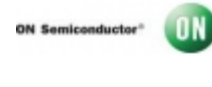
	<h2 style="color: #D9534F;">FDMS3016DC</h2> <p><b>Manufacturer Part Number:</b> <a href="#">FDMS3016DC</a></p>
	<p><b>Manufacturer/Brand:</b> <a href="#">Fairchild/ON Semiconductor</a></p> <p><b>Part of Description:</b> MOSFET N-CH 30V 18A 8-PQFN</p> <p><b>Datasheets:</b>  <a href="#">FDMS3016DC.pdf</a></p> <p><b>RoHS Status:</b>  Lead free / RoHS</p> <p><b>Stock Condition:</b> Compliant New original, 2529 pcs Stock Available.</p> <p><b>Ship From:</b> Hong Kong</p> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p>
<p>Image may be representation. See specs for product details.</p>	

### Specifications

Part Number	FDMS3016DC
Manufacturer	Fairchild/ON Semiconductor
Description	MOSFET N-CH 30V 18A 8-PQFN
Category	<a href="#">Discrete Semiconductor Products</a> > <a href="#">Transistors - FETs</a> ,
Part Status	2529 pcs Stock
Vgs(th) (Max) @ Id	3V @ 250μA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	Power56
Series	Dual Cool™, PowerTrench®
Rds On (Max) @ Id, Vgs	6 mOhm @ 12A, 10V
Power Dissipation (Max)	3.3W (Ta), 60W (Tc)
Packaging	Tape & Reel (TR)
Package / Case	8-PowerTDFN
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Input Capacitance (Ciss) (Max) @ Vds	1385pF @ 15V
Gate Charge (Qg) (Max) @ Vgs	23nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	18A (Ta), 49A (Tc)

### You May Be Also Be interested

In:

 <p><b>FDMS3016DC</b> AMI Semiconductor / ON Semiconductor MOSFET N-CH 30V 18A 8-PQFN</p>	 <p><b>FDMS3008SDC</b> AMI Semiconductor / ON Semiconductor MOSFET N-CH 30V 29A 8-PQFN</p>	 <p><b>FDMS3055S</b> FAIRCHILD FAIRCHILD DFN5x6</p>	 <p><b>FDMS3008SDC</b> Fairchild/ON Semiconductor MOSFET N-CH 30V 29A 8-PQFN</p>
 <p><b>FDMS3572</b> AMI Semiconductor / ON Semiconductor MOSFET N-CH 80V 8.8A POWER56</p>	 <p><b>FDMS3012S</b> FAIRCHILD/ FDMS3012S FAIRCHILD/</p>	 <p><b>FDMS3008SDC MOS</b> FAIRCHILD FAIRCHILD DFN5x6</p>	 <p><b>FDMS3500</b> AMI Semiconductor / ON Semiconductor MOSFET N-CH 75V 9.2A POWER56</p>

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