

	<h2 style="color: #E67E22;">FCH072N60F_F085</h2> <p><b>Manufacturer Part Number:</b> <a href="#">FCH072N60F_F085</a></p> <hr/> <p><b>Manufacturer/Brand:</b> <a href="#">Fairchild/ON Semiconductor</a></p> <hr/> <p><b>Part of Description:</b> MOSFET N-CH 600V 52A TO247</p> <hr/> <p><b>Datasheets:</b>  <a href="#">FCH072N60F_F085.pdf</a></p> <hr/> <p><b>RoHS Status:</b>  Lead free / RoHS</p> <hr/> <p><b>Stock Condition:</b> Compliant New original, Stock Available.</p> <hr/> <p><b>Ship From:</b> Hong Kong</p> <hr/> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p>
<p>Image may be representation. See specs for product details.</p>	



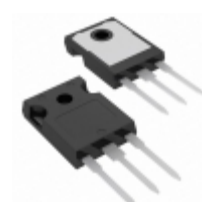

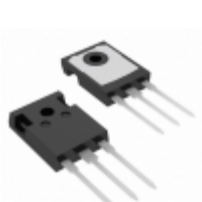


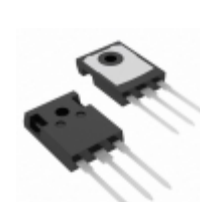
### Specifications

Part Number	<a href="#">FCH072N60F_F085</a>
Manufacturer	<a href="#">Fairchild/ON Semiconductor</a>
Description	MOSFET N-CH 600V 52A TO247
Category	<a href="#">Discrete Semiconductor Products &gt; Transistors - FETs,</a>
Part Status	<a href="#">Require For Quote &amp; Check Stock</a>
Vgs(th) (Max) @ Id	5V @ 250µA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	TO-247
Series	Automotive, AEC-Q101, SuperFET® II
Rds On (Max) @ Id, Vgs	72 mOhm @ 26A, 10V
Power Dissipation (Max)	481W (Tc)
Packaging	Tube
Package / Case	TO-247-3
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Input Capacitance (Ciss) (Max) @ Vds	6330pF @ 100V
Gate Charge (Qg) (Max) @ Vgs	210nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	600V
Current - Continuous Drain (Id) @ 25°C	52A (Tc)

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