


	<h2 style="color: red;">IRFPS3810PBF</h2>	
	<b>Manufacturer Part Number:</b>	<a href="#">IRFPS3810PBF</a>
	<b>Manufacturer/Brand:</b>	<a href="#">International Rectifier (Infineon Technologies)</a>
	<b>Part of Description:</b>	MOSFET N-CH 100V 170A SUPER247
<b>Datasheets:</b>	 <a href="#">IRFPS3810PBF.pdf</a>	
<b>RoHS Status:</b>	 Lead free / RoHS	
<b>Stock Condition:</b>	Compliant New original, Stock Available.	
<b>Ship From:</b>	Hong Kong	
<b>Shipment Way:</b>	DHL/Fedex/TNT/UPS/EMS	
<p>Image may be representation. See specs for product details.</p>		

### Specifications

Part Number	<a href="#">IRFPS3810PBF</a>
Manufacturer	<a href="#">International Rectifier (Infineon Technologies)</a>
Description	MOSFET N-CH 100V 170A SUPER247
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)	±30V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	SUPER-247 (TO-274AA)
Series	HEXFET®
Rds On (Max) @ Id, Vgs	9 mOhm @ 100A, 10V
Power Dissipation (Max)	580W (Tc)
Packaging	Bulk
Package / Case	TO-274AA
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Input Capacitance (Ciss) (Max) @ Vds	6790pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	390nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	100V
Current - Continuous Drain (Id) @ 25°C	170A (Tc)

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 <b>IRFPS37N50A</b> Vishay Siliconix MOSFET N-CH 500V 36A SUPER247	 <b>IRFPS3810</b> Infineon Technologies MOSFET N-CH 100V 170A SUPER247	 <b>IRFPS38N60L</b> Vishay Siliconix MOSFET N-CH 600V 38A SUPER247	 <b>IRFPS37N50APBF</b> Vishay Siliconix MOSFET N-CH 500V 36A SUPER247

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