


	<h2 style="color: red;">IRFPS37N50APBF</h2>
	<p><b>Manufacturer Part Number:</b> IRFPS37N50APBF</p> <p><b>Manufacturer/Brand:</b> Vishay / Siliconix</p> <p><b>Part of Description:</b> MOSFET N-CH 500V 36A SUPER247</p> <p><b>Datasheets:</b>  <a href="#">IRFPS37N50APBF.pdf</a></p> <p><b>RoHs Status:</b>  Lead free / RoHS Compliant</p> <p><b>Stock Condition:</b> New original, 1378 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	IRFPS37N50APBF
Manufacturer	Vishay / Siliconix
Description	MOSFET N-CH 500V 36A SUPER247
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	1378 pcs Stock
Series	-
Technology	MOSFET (Metal Oxide)
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-274AA
Supplier Device Package	SUPER-247 (TO-274AA)
Power Dissipation (Max)	446W (Tc)
FET Type	N-Channel
FET Feature	-
Drain to Source Voltage (Vdss)	500V
Current - Continuous Drain (Id) @ 25°C	36A (Tc)
Rds On (Max) @ Id, Vgs	130 mOhm @ 22A, 10V
Vgs(th) (Max) @ Id	4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	180nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	5579pF @ 25V
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs (Max)	±30V
Packaging	Tube



















































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### You May Be Also Be interested In:

 <p><b>IRFPS35N50LPBF</b> Electro-Films (EFI) / Vishay MOSFET N-CH 500V 34A SUPER247</p>	 <p><b>IRFPS3810PBF</b> International Rectifier (Infineon Technologies) MOSFET N-CH 100V 170A SUPER247</p>	 <p><b>IRFPS3815PBF</b> International Rectifier (Infineon Technologies) MOSFET N-CH 150V 105A SUPER247</p>	 <p><b>IRFPS3815</b> IR IRFPS3815 IR</p>
 <p><b>IRFPS37N50A</b> Electro-Films (EFI) / Vishay MOSFET N-CH 500V 36A SUPER247</p>	 <p><b>IRFPS35N50LPBF</b> Vishay / Siliconix MOSFET N-CH 500V 34A SUPER247</p>	 <p><b>IRFPS3810</b> International Rectifier (Infineon Technologies) MOSFET N-CH 100V 170A SUPER247</p>	 <p><b>IRFPS37N50A</b> Vishay / Siliconix MOSFET N-CH 500V 36A SUPER247</p>

### Hot Parts

More

- |  |   |   |   |  |
|--|---|---|---|--|
|  IRFPC50APBF    |  IRFPC50LCPBF  |  IRFPC50LCPBF  |  IRFPC50PBF     |  IRFPC50PBF     |
|  IRFPC60LC      |  IRFPC60LC     |  IRFPE30PBF    |  IRFPE30PBF     |  IRFPE50PBF     |
|  IRFPE50PBF     |  IRFPF40-026   |  IRFPF50PBF    |  IRFPF50PBF     |  IRFPG40PBF     |
|  IRFPG40PBF     |  IRFPG50PBF    |  IRFPG50PBF    |  IRFPS29N60L    |  IRFPS30N60KPBF |
|  IRFPS30N60KPBF |  IRFPS35N50L   |  IRFPS37N50A   |  IRFPS37N50A    |  IRFPS37N50APBF |
|  IRFPS3810      |  IRFPS3815PBF  |  IRFPS38N60L   |  IRFPS38N60L    |  IRFPS40N50L    |
|  IRFPS40N50L    |  IRFPS40N60K   |  IRFPS40N60K   |  IRFPS40N60KPBF |  IRFPS40N60KPBF |
|  IRFPS43N50K    |  IRFPS43N50K   |  IRFR010-TF    |  IRFR010PBF     |  IRFR010PBF     |
|  IRFR010TF      |  IRFR010TM     |  IRFR010TR     |  IRFR010TR      |  IRFR010TRL     |
|  IRFR010TRL     |  IRFR010TRLPBF |  IRFR010TRLPBF |  IRFR010TRPBF   |  IRFR010TRPBF   |

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