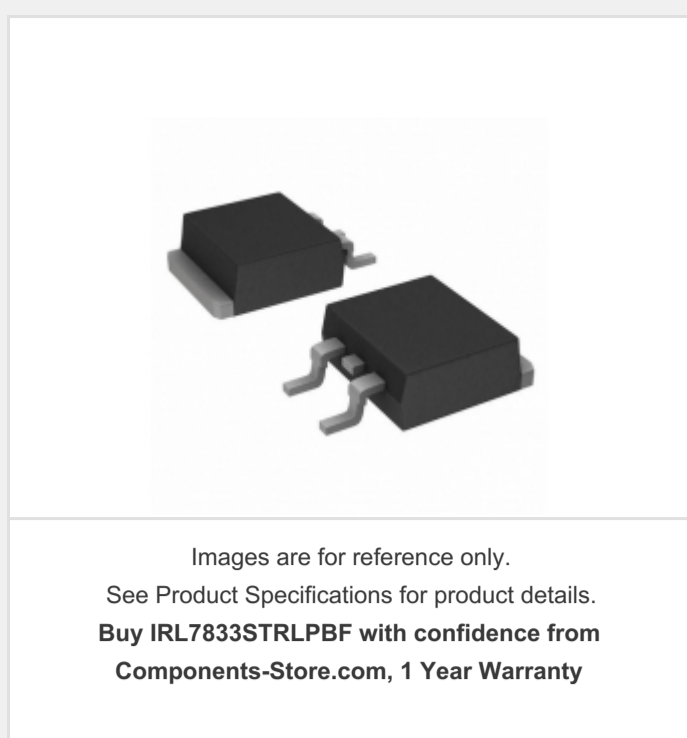


**IRL7833STRLPBF**



**Part Number:** [IRL7833STRLPBF](#)  
**Manufacturer:** [International Rectifier \(Infineon Technologies\)](#)  
**Description:** MOSFET N-CH 30V 150A D2PAK  
**Data sheet:** [IRL7833\(S,L\)PbF](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

PRODUCT PARAMETER	
Part Number	<a href="#">IRL7833STRLPBF</a>
Manufacturer	<a href="#">International Rectifier (Infineon Technologies)</a>
Description	MOSFET N-CH 30V 150A D2PAK
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	94897 pcs
Product Photo	<a href="#">IRL7833STRLPBF.jpg</a>
Category	<a href="#">Discrete Semiconductor Products</a>
Vgs(th) (Max) @ Id	2.3V @ 250µA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	D2PAK
Series	HEXFET®
Rds On (Max) @ Id, Vgs	3.8 mOhm @ 38A, 10V
Power Dissipation (Max)	140W (Tc)
Packaging	Tape & Reel (TR)
Package / Case	TO-263-3, D²Pak (2 Leads + Tab), TO-263AB
Other Names	IRL7833STRLPBF-ND IRL7833STRLPBFTR SP001568388
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	4170pF @ 15V
Gate Charge (Qg) (Max) @ Vgs	47nC @ 4.5V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Drain to Source Voltage (Vdss)	30V
Detailed Description	N-Channel 30V 150A (Tc) 140W (Tc) Surface Mount D2PAK
Current - Continuous Drain (Id) @ 25°C	150A (Tc)

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	Part#: <a href="#">IRL7833LPBF</a> Description: MOSFET N-CH 30V 150A TO-262 Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> In Stock: 4379 <a href="#">RFQ</a>
	Part#: <a href="#">IRL8113S</a> Description: MOSFET N-CH 30V 105A D2PAK Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> In Stock: 4963 <a href="#">RFQ</a>
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	Part#: <a href="#">IRL7833PBF</a> Description: MOSFET N-CH 30V 150A TO-220AB Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> In Stock: 76489 <a href="#">RFQ</a>
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	Part#: <a href="#">IRL640STRLPBF</a> Description: MOSFET N-CH 200V 17A D2PAK Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> In Stock: 95460 <a href="#">RFQ</a>
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	Part#: <a href="#">IRL8113LPBF</a> Description: MOSFET N-CH 30V 105A TO-262 Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> In Stock: 4164 <a href="#">RFQ</a>
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	Part#: <a href="#">IRL8113STRL</a> Description: MOSFET N-CH 30V 105A D2PAK Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> In Stock: 48192 <a href="#">RFQ</a>
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