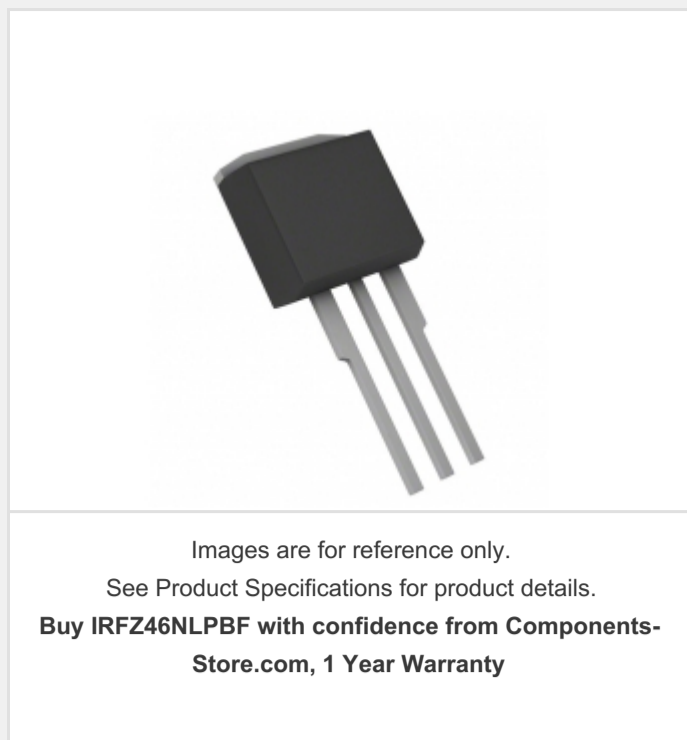


IRFZ46NLPBF



Part Number: [IRFZ46NLPBF](#)
Manufacturer: [International Rectifier \(Infineon Technologies\)](#)
Description: MOSFET N-CH 55V 53A TO-262
Data sheet: [PDF IRFZ46NSPbF, IRFZ46NLPbF](#)

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

[Request For Quotation](#)

PRODUCT PARAMETER	
Part Number	IRFZ46NLPBF
Manufacturer	International Rectifier (Infineon Technologies)
Description	MOSFET N-CH 55V 53A TO-262
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	87977 pcs
Product Photo	IRFZ46NLPBF.jpg
Category	Discrete Semiconductor Products
Vgs(th) (Max) @ Id	4V @ 250µA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	TO-262
Series	HEXFET®
Rds On (Max) @ Id, Vgs	16.5 mOhm @ 28A, 10V
Power Dissipation (Max)	3.8W (Ta), 107W (Tc)
Packaging	Tube
Package / Case	TO-262-3 Long Leads, IPak, TO-262AA
Other Names	*IRFZ46NLPBF SP001557896
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	1696pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	72nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	55V
Detailed Description	N-Channel 55V 53A (To) 3.8W (Ta), 107W (Tc) Through Hole TO-262
Current - Continuous Drain (Id) @ 25°C	53A (Tc)

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RELATED PRODUCTS	
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	<p>Part#: IRFZ46NL</p> <p>Description: MOSFET N-CH 55V 53A TO-262</p> <p>Manufacturers: International Rectifier (Infineon Technologies)</p> <p>In Stock: 51118</p> <p>RFQ</p>
	<p>Part#: IRFZ46ZL</p> <p>Description: MOSFET N-CH 55V 51A TO-262</p> <p>Manufacturers: International Rectifier (Infineon Technologies)</p> <p>In Stock: 47050</p> <p>RFQ</p>
	<p>Part#: IRFZ46L</p> <p>Description: MOSFET N-CH 50V 50A D2PAK</p> <p>Manufacturers: Electro-Films (EFI) / Vishay</p> <p>In Stock: 78751</p> <p>RFQ</p>
	<p>Part#: IRFZ46NSPBF</p> <p>Description: MOSFET N-CH 55V 53A D2PAK</p> <p>Manufacturers: International Rectifier (Infineon Technologies)</p> <p>In Stock: 4630</p> <p>RFQ</p>
	<p>Part#: IRFZ46NS</p> <p>Description: MOSFET N-CH 55V 53A D2PAK</p> <p>Manufacturers: International Rectifier (Infineon Technologies)</p> <p>In Stock: 6041</p> <p>RFQ</p>
	<p>Part#: IRFZ46NSTRRPBF</p> <p>Description: MOSFET N-CH 55V 53A D2PAK</p> <p>Manufacturers: International Rectifier (Infineon Technologies)</p> <p>In Stock: 59352</p> <p>RFQ</p>
	<p>Part#: IRFZ44Z</p> <p>Description: MOSFET N-CH 55V 51A TO-220AB</p> <p>Manufacturers: International Rectifier (Infineon Technologies)</p> <p>In Stock: 64864</p> <p>RFQ</p>
	<p>Part#: IRFZ46NSTRL</p> <p>Description: MOSFET N-CH 55V 53A D2PAK</p> <p>Manufacturers: International Rectifier (Infineon Technologies)</p> <p>In Stock: 5692</p> <p>RFQ</p>
	<p>Part#: IRFZ44ZPBF</p> <p>Description: MOSFET N-CH 55V 51A TO-220AB</p> <p>Manufacturers: International Rectifier (Infineon Technologies)</p> <p>In Stock: 149897</p> <p>RFQ</p>
	<p>Part#: IRFZ44ZSPBF</p> <p>Description: MOSFET N-CH 55V 51A D2PAK</p> <p>Manufacturers: International Rectifier (Infineon Technologies)</p> <p>In Stock: 67062</p> <p>RFQ</p>
	<p>Part#: IRFZ44ZS</p> <p>Description: MOSFET N-CH 55V 51A D2PAK</p> <p>Manufacturers: International Rectifier (Infineon Technologies)</p> <p>In Stock: 50122</p> <p>RFQ</p>
	<p>Part#: IRFZ46NPBF</p> <p>Description: MOSFET N-CH 55V 53A TO-220AB</p> <p>Manufacturers: International Rectifier (Infineon Technologies)</p> <p>In Stock: 108555</p> <p>RFQ</p>
	<p>Part#: IRFZ46Z</p> <p>Description: MOSFET N-CH 55V 51A TO-220AB</p> <p>Manufacturers: International Rectifier (Infineon Technologies)</p> <p>In Stock: 4926</p> <p>RFQ</p>
	<p>Part#: IRFZ44VZSTRRPBF</p> <p>Description: MOSFET N-CH 60V 57A D2PAK</p> <p>Manufacturers: International Rectifier (Infineon Technologies)</p> <p>In Stock: 103063</p> <p>RFQ</p>
	<p>Part#: IRFZ44ZSTRRPBF</p> <p>Description: MOSFET N-CH 55V 51A D2PAK</p> <p>Manufacturers: International Rectifier (Infineon Technologies)</p> <p>In Stock: 63399</p> <p>RFQ</p>
	<p>Part#: IRFZ44ZL</p> <p>Description: MOSFET N-CH 55V 51A TO-262</p> <p>Manufacturers: International Rectifier (Infineon Technologies)</p> <p>In Stock: 41911</p> <p>RFQ</p>
	<p>Part#: IRFZ46ZLPBF</p> <p>Description: MOSFET N-CH 55V 51A TO-262</p> <p>Manufacturers: International Rectifier (Infineon Technologies)</p> <p>In Stock: 4747</p> <p>RFQ</p>
	<p>Part#: IRFZ46ZPBF</p> <p>Description: MOSFET N-CH 55V 51A TO-220AB</p> <p>Manufacturers: International Rectifier (Infineon Technologies)</p> <p>In Stock: 4135</p> <p>RFQ</p>
	<p>Part#: IRFZ44ZLPBF</p> <p>Description: MOSFET N-CH 55V 51A TO-262</p> <p>Manufacturers: International Rectifier (Infineon Technologies)</p> <p>In Stock: 94762</p> <p>RFQ</p>

Related keywords for **IRFZ46NLPBF**

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