

**IRG4PC30KDPBF**



**Part Number:** [IRG4PC30KDPBF](#)

**Manufacturer:** [International Rectifier \(Infineon Technologies\)](#)

**Description:** IGBT 600V 28A 100W TO247AC

**Data sheet:** [IRG4PC30KDPBF](#)

**RoHS Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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**PRODUCT PARAMETER**

<b>Part Number</b>	<a href="#">IRG4PC30KDPBF</a>
<b>Manufacturer</b>	<a href="#">International Rectifier (Infineon Technologies)</a>
<b>Description</b>	IGBT 600V 28A 100W TO247AC
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	36746 pcs
<b>Product Photo</b>	<a href="#">IRG4PC30KDPBF.jpg</a>
<b>Category</b>	<a href="#">Discrete Semiconductor Products</a>
<b>Voltage - Collector Emitter Breakdown (Max)</b>	600V
<b>Vce(on) (Max) @ Vge, Ic</b>	2.7V @ 15V, 16A
<b>Test Condition</b>	480V, 16A, 23 Ohm, 15V
<b>Td (on/off) @ 25°C</b>	60ns/160ns
<b>Switching Energy</b>	600µJ (on), 580µJ (off)
<b>Supplier Device Package</b>	TO-247AC
<b>Series</b>	-
<b>Reverse Recovery Time (trr)</b>	42ns
<b>Power - Max</b>	100W
<b>Packaging</b>	Bulk
<b>Package / Case</b>	TO-247-3
<b>Other Names</b>	*IRG4PC30KDPBF SP001549398
<b>Operating Temperature</b>	-55°C ~ 150°C (TJ)
<b>Mounting Type</b>	Through Hole
<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Input Type</b>	Standard
<b>IGBT Type</b>	-
<b>Gate Charge</b>	67nC
<b>Detailed Description</b>	IGBT 600V 28A 100W Through Hole TO-247AC
<b>Current - Collector Pulsed (Icm)</b>	58A
<b>Current - Collector (Ic) (Max)</b>	28A

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	<b>Part#:</b> <a href="#">IRG4PC40FDPBF</a> <b>Description:</b> IGBT 600V 49A 160W TO247AC	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 24529	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IRG4PC30WPBF</a> <b>Description:</b> IGBT 600V 23A 100W TO247AC	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 5594	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IRG4PC30U</a> <b>Description:</b> IGBT 600V 23A 100W TO247AC	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 37179	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IRG4PC30UPBF</a> <b>Description:</b> IGBT 600V 23A 100W TO247AC	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 57171	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IRG4IBC30W</a> <b>Description:</b> IGBT 600V 17A 45W TO220FP	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 35368	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IRG4PC30KPBF</a> <b>Description:</b> IGBT 600V 28A 100W TO247AC	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 5249	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IRG4PC30K</a> <b>Description:</b> IGBT 600V 28A 100W TO247AC	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 29334	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IRG4PC40FD</a> <b>Description:</b> IGBT 600V 49A 160W TO247AC	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 5379	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IRG4PC40F</a> <b>Description:</b> IGBT 600V 49A 160W TO247AC	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 25545	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IRG4PC30FDPBF</a> <b>Description:</b> IGBT 600V 31A 100W TO247AC	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 40641	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IRG4PC30S</a> <b>Description:</b> IGBT 600V 34A 100W TO247AC	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 4520	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IRG4PC30UDPBF</a> <b>Description:</b> IGBT 600V 23A 100W TO247AC	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 37363	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IRG4P254S</a> <b>Description:</b> IGBT 250V 98A 200W TO247AC	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 5929	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IRG4PC20U</a> <b>Description:</b> IGBT 600V 13A 60W TO247AC	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 4361	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IRG4PC30SPBF</a> <b>Description:</b> IGBT 600V 34A 100W TO247AC	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 34760	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IRG4PC30KD</a> <b>Description:</b> IGBT 600V 28A 100W TO247AC	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 20717	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IRG4PC20UPBF</a> <b>Description:</b> IGBT 600V 13A 60W TO247AC	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 4666	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IRG4P254SPBF</a> <b>Description:</b> IGBT 250V 98A 200W TO247AC	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 4089	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IRG4PC30FPBF</a> <b>Description:</b> IGBT 600V 31A 100W TO247AC	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 38161	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IRG4IBC30WPBF</a> <b>Description:</b> IGBT 600V 17A 45W TO220FP	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 59771	<a href="#">RFQ</a>

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