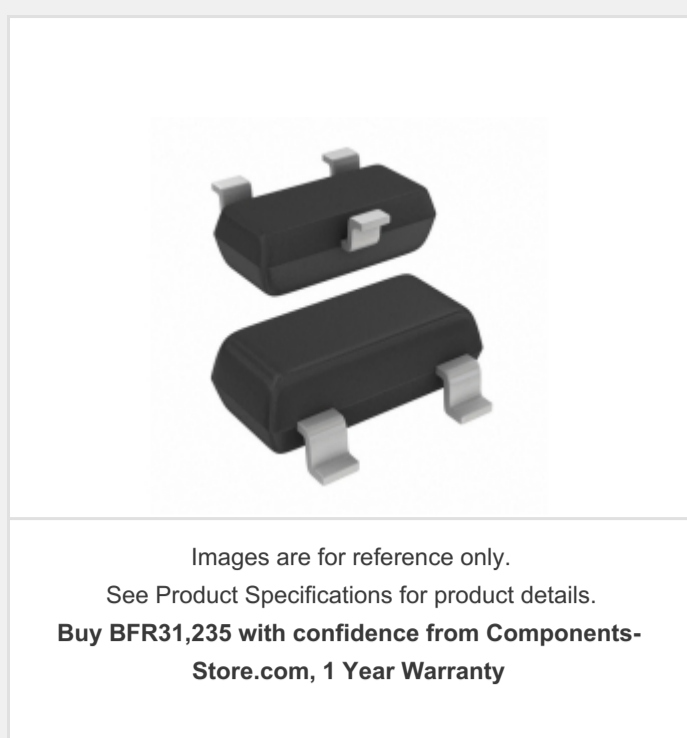


**BFR31,235**



**Part Number:** [BFR31,235](#)  
**Manufacturer:** [NXP Semiconductors / Freescale](#)  
**Description:** JFET N-CH 10MA 250MW SOT23  
**Data sheet:** [PDF BFR30, BFR31](#)

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

[Request For Quotation](#)

**PRODUCT PARAMETER**

<b>Part Number</b>	<a href="#">BFR31,235</a>
<b>Manufacturer</b>	<a href="#">NXP Semiconductors / Freescale</a>
<b>Description</b>	JFET N-CH 10MA 250MW SOT23
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	267000 pcs
<b>Product Photo</b>	<a href="#">BFR31,235.jpg</a>
<b>Category</b>	<a href="#">Discrete Semiconductor Products</a>
<b>Voltage - Cutoff (VGS off) @ Id</b>	2.5V @ 0.5nA
<b>Supplier Device Package</b>	SOT-23 (TO-236AB)
<b>Series</b>	-
<b>Power - Max</b>	250mW
<b>Packaging</b>	Tape & Reel (TR)
<b>Package / Case</b>	TO-236-3, SC-59, SOT-23-3
<b>Other Names</b>	933163490235
<b>Operating Temperature</b>	150°C (TJ)
<b>Mounting Type</b>	Surface Mount
<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Input Capacitance (Ciss) (Max) @ Vds</b>	4pF @ 10V
<b>FET Type</b>	N-Channel
<b>Drain to Source Voltage (Vdss)</b>	25V
<b>Detailed Description</b>	JFET N-Channel 10mA 250mW Surface Mount SOT-23 (TO-236AB)
<b>Current Drain (Id) - Max</b>	10mA
<b>Current - Drain (Idss) @ Vds (Vgs=0)</b>	1mA @ 10V
<b>Base Part Number</b>	BFR31

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**RELATED PRODUCTS**

	<b>Part#:</b> <a href="#">BFR340FH6327XTSA1</a> <b>Description:</b> TRANS RF NPN 9V 20MA 3TSFP	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 593967	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BFR360FH6327XTSA1</a> <b>Description:</b> TRANS RF NPN 6V 35MA TSFP-3	<b>Manufacturers:</b> <a href="#">Infineon Technologies</a> <b>In Stock:</b> 1094419	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BFR30,235</a> <b>Description:</b> JFET N-CH 10MA 250MW SOT23	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a> <b>In Stock:</b> 5278	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BFR32A10S1</a> <b>Description:</b> CIRCULAR	<b>Manufacturers:</b> <a href="#">Cannon</a> <b>In Stock:</b> 203	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BFR2811P1</a> <b>Description:</b> CIRCULAR	<b>Manufacturers:</b> <a href="#">Cannon</a> <b>In Stock:</b> 453	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BFR2821P1</a> <b>Description:</b> CIRCULAR	<b>Manufacturers:</b> <a href="#">Cannon</a> <b>In Stock:</b> 415	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BFR360L3E6765XTMA1</a> <b>Description:</b> TRANSISTOR RF NPN 6V TSLP-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 516504	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BFR340L3E6327XTMA1</a> <b>Description:</b> TRANSISTOR RF NPN 6V TSLP-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 655257	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BFR281P1F80</a> <b>Description:</b> CIRCULAR	<b>Manufacturers:</b> <a href="#">Cannon</a> <b>In Stock:</b> 398	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BFR2812S1</a> <b>Description:</b> CIRCULAR	<b>Manufacturers:</b> <a href="#">Cannon</a> <b>In Stock:</b> 421	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BFR2821S1</a> <b>Description:</b> CIRCULAR	<b>Manufacturers:</b> <a href="#">Cannon</a> <b>In Stock:</b> 507	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BFR35APE6327HTSA1</a> <b>Description:</b> TRANSISTOR RF NPN 15V SOT-23	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 617068	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BFR31LT1G</a> <b>Description:</b> JFET N-CH 225MW SOT23	<b>Manufacturers:</b> <a href="#">AMI Semiconductor / ON Semiconductor</a> <b>In Stock:</b> 4184	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BFR31LT1</a> <b>Description:</b> JFET N-CH 225MW SOT23	<b>Manufacturers:</b> <a href="#">AMI Semiconductor / ON Semiconductor</a> <b>In Stock:</b> 4996	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BFR30LT1G</a> <b>Description:</b> JFET N-CH 225MW SOT23	<b>Manufacturers:</b> <a href="#">AMI Semiconductor / ON Semiconductor</a> <b>In Stock:</b> 4229	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BFR30LT1</a> <b>Description:</b> JFET N-CH 225MW SOT23	<b>Manufacturers:</b> <a href="#">AMI Semiconductor / ON Semiconductor</a> <b>In Stock:</b> 5965	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BFR31,215</a> <b>Description:</b> JFET N-CH 10MA 250MW SOT23	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a> <b>In Stock:</b> 190972	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BFR360FH6765XTSA1</a> <b>Description:</b> TRANS RF NPN 6V 35MA TSFP-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 755231	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BFR30,215</a> <b>Description:</b> JFET N-CH 10MA 250MW SOT23	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a> <b>In Stock:</b> 5121	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BFR32A10P1</a> <b>Description:</b> CIRCULAR	<b>Manufacturers:</b> <a href="#">Cannon</a> <b>In Stock:</b> 290	<a href="#">RFQ</a>

**Related keywords for BFR31,235**

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