



SPICE PARAMETERS

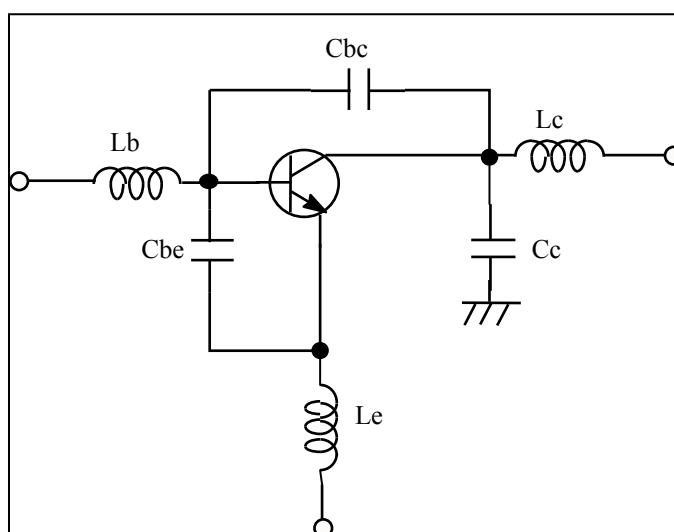
2SC5415A

ON Semiconductor®

HIGH-FREQUENCY TRANSISTOR

model : Gummel-Poon

Parameter	Value	Unit	Parameter	Value	Unit
IS	0.873f	A	TF	20.50p	S
BF	135		XTF	1.850m	
NF	1.003		VTF	120.0m	V
VAF	20.54	V	ITF	180.8m	A
IKF	340.0m	A	PTF	25.7	deg
ISE	5.000f	A	CJC	1.200p	F
NE	1.5		VJC	156.0m	V
BR	23		MJC	300.8m	
NR	1.15		XCJC	355.1m	
VAR	8	V	TR	10.50n	S
IKR	50.00m	A	FC	10.51m	
ISC	60.00f	A			
NC	1.15				
RB	1.8	ohm			
IRB	90.00m	A	Lb	1.800n	H
RBM	1.5	ohm	Lc	150.0p	H
RE	330.0m	ohm	Le	1.800n	H
RC	1.5	ohm	Cbc	220.0f	F
XTB	0		Cbe	220.0f	F
EG	1.11	eV	Cc	530.0f	F
XTI	3				
CJE	1.310p	F			
VJE	90.00m	V			
MJE	103.2m				



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*Information (including circuit diagrams and circuit parameters) herein is for example only
it is not guaranteed for volume production.