



SPICE PARAMETERS

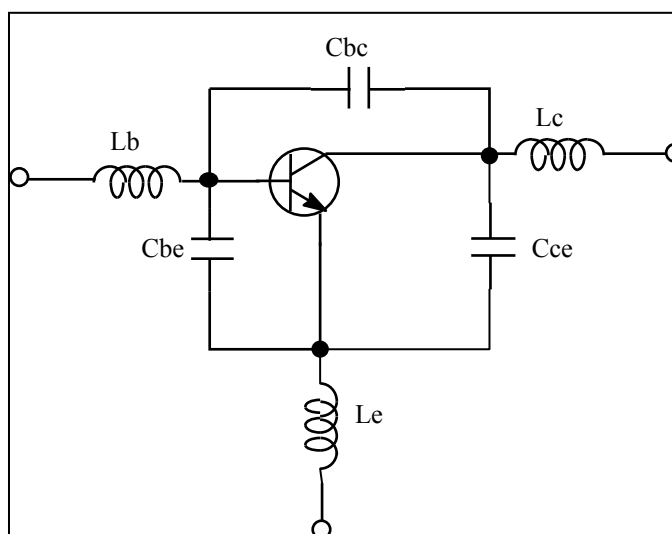
2SC5551A

ON Semiconductor®

HIGH-FREQUENCY TRANSISTOR

model : Gummel-Poon

Parameter	Value	Unit	Parameter	Value	Unit
IS	4.58f	A	TF	30.50p	S
BF	150		XTF	13.45m	
NF	1.003		VTF	280.0m	V
VAF	35	V	ITF	25.80m	A
IKF	1.2	A	PTF	25.7	deg
ISE	5.00f	A	CJC	3.08p	F
NE	1.6		VJC	520.0m	V
BR	35		MJC	380.8m	
NR	1.001		XCJC	1.15m	
VAR	20	V	TR	1.38n	S
IKR	10.98m	A	FC	1.51m	
ISC	255.9f	A			
NC	1.5				
RB	1.5	ohm			
IRB	300.0m	A	Lb	1.60n	H
RBM	300.0m	ohm	Lc	150.0p	H
RE	280.0m	ohm	Le	1.60n	H
RC	1.25	ohm	Cbc	260.0f	F
XTB	0		Cbe	230.0f	F
EG	1.11	eV	Cce	260.0f	F
XTI	3				
CJE	2.36p	F			
VJE	199.0m	V			
MJE	73.20m				



2009/05/15

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