



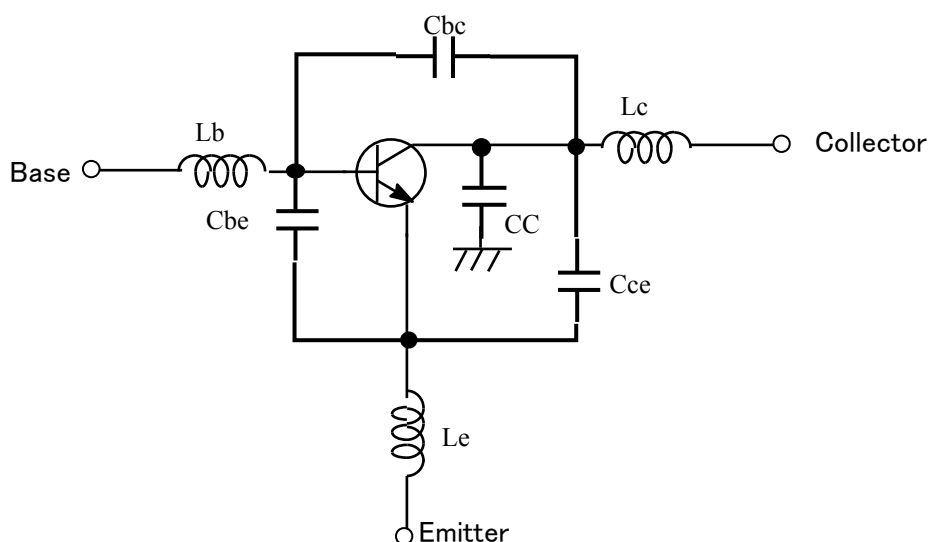
## SPICE PARAMETERS

55GN01CA

### ON Semiconductor® HIGH-FREQUENCY TRANSISTOR

model : Gummel-Poon

Parameter	Value	Unit	Parameter	Value	Unit
IS	959.8a	A	CJE	1.05p	F
BF	133		VJE	600.0m	V
NF	985.0m		MJE	800.0m	
VA	9.557	V	TF	18.0p	S
IKF	760.0m	A	XTF	1	
ISE	450.0f	A	VTF	1	V
NE	1.81		ITF	50.0m	A
BR	28.89		PTF	0	deg
NR	1.013		CJC	800.0f	F
VAR	1.7	V	VJC	110.0m	V
IKR	5.849m	A	MJC	115.0m	
ISC	1.299f	A	XCJC	500.0m	
NC	1.157		TR	1.0n	S
RB	1	ohm	FC	500m	
IRB	910.0m	A	Lb	1.2	nH
RBM	910.0m	ohm	Lc	0.2	nH
RE	510.0m	ohm	Le	1.3	nH
RC	1.2	ohm	Cc	20	fF
XTB	0		Cbc	110	fF
EG	1.11	eV	Cbe	120	fF
XTI	3		Cce	130	fF



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

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