

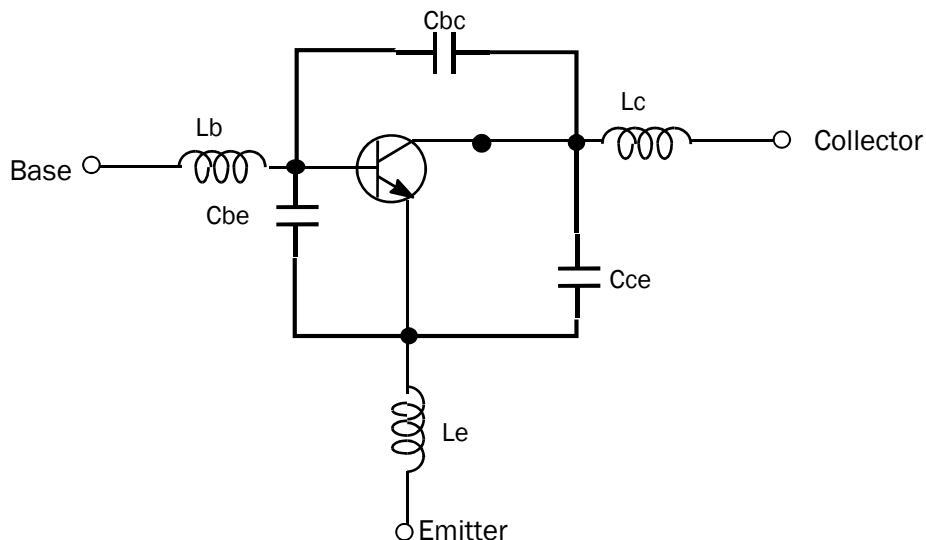


# SPICE PARAMETERS NSVF6003SB6

## HIGH-FREQUENCY

model : Gummel-Poon

Parameter	Value	Unit	Parameter	Value	Unit
IS	1.750f	A	CJE	2.600p	F
BF	114		VJE	299.0m	V
NF	1.001		MJE	133.2m	
VAF	18	V	TF	17.50p	S
IKF	1.5	A	XTF	1.300m	
ISE	400.0a	A	VTF	800.0m	V
NE	1.75		ITF	20.80m	A
BR	15		PTF	25.7	deg
NR	1.15		CJC	2.200p	F
VAR	20	V	VJC	80.00m	V
IKR	50.00m	A	MJC	380.8m	
ISC	70.00f	A	XCJC	1.510m	
NC	1.13		TR	1.780n	S
RB	1.3	ohm	FC	10.51m	
IRB	300.0m	A			
RBM	300.0m	ohm	Le	960.0p	H
RE	230.0m	ohm	Lb	960.0p	H
RC	1.4	ohm	Lc	220.0p	H
XTB	0		Cbe	110.0f	F
EG	1.11	eV	Cbc	220.0f	F
XTI	3		Cce	220.0f	F



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