

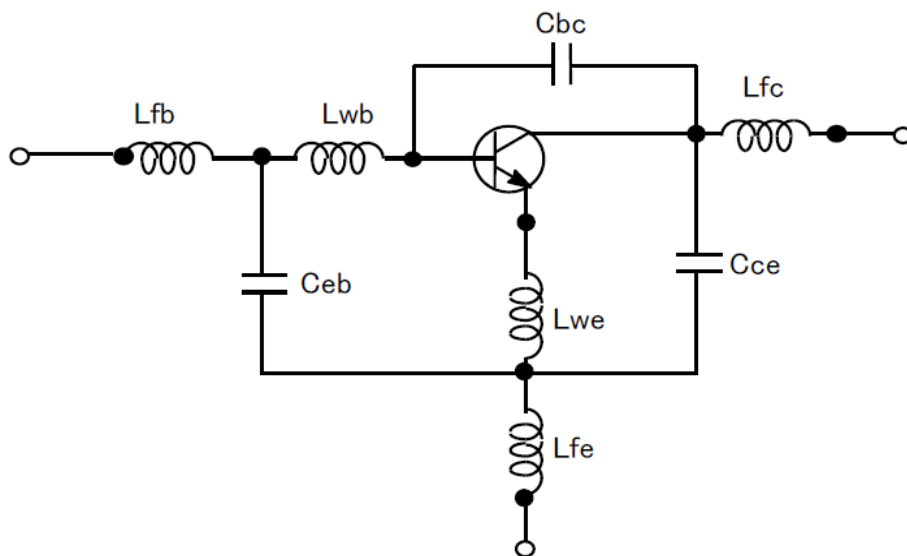


SPICE PARAMETERS NSVF4020SG4

HIGH-FREQUENCY

model : Gummel-Poon

Parameter	Value	Unit	Parameter	Value	Unit
IS	2.155f	A	TF	6.700p	S
BF	100		XTF	50.00f	
BF	122		VTF	750.0m	V
NF	1.05	V	ITF	5.00E+01	A
VAF	8	A	PTF	200.0m	deg
IKF	206.4m	A	CJC	175.0f	F
ISE	1.384p		VJC	200.0f	V
NE	2.278		MJC	1.150p	
BR	14		XCJC	1	
NR	1.042	V	TR	0	S
VAR	4	A	FC	500.0m	
IKR	360.0m	A	CJS	550.0f	F
ISC	140.0f		VJS	150.0m	V
NC	1.6	ohm	MJS	136.0m	
RB	2	A			
IRB	1.5	ohm	Lfc	110p	H
RBM	25.00m	ohm	Lwb	850p	H
RE	450.0m	ohm	Lfb	73.0p	H
RC	1.2		Lwe	145.0p	H
XTB	0	eV	Lfe	280.0p	H
EG	1.11		Cbc	325.00f	F
XTI	1		Ceb	175.0f	F
CJE	2.476p	F	Cce	120.0f	F
VJE	750.0m	V			
MJE	10.00m				



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