



SPICE PARAMETERS

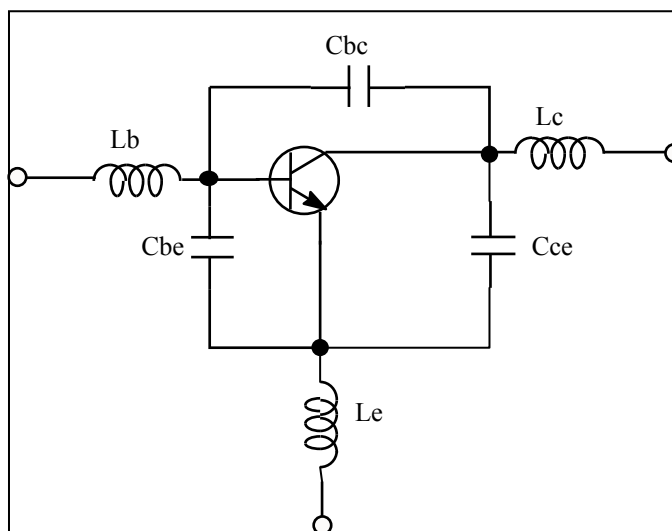
CPH6003A

ON Semiconductor®

HIGH-FREQUENCY TRANSISTOR

model : Gummel-Poon

Parameter	Value	Unit	Parameter	Value	Unit
IS	1.750f	A	TF	17.50p	S
BF	114		XTF	1.30m	
NF	1.001		VTF	800.0m	V
VAF	18	V	ITF	20.80m	A
IKF	1.5	A	PTF	25.7	deg
ISE	0.40f	A	CJC	2.20p	F
NE	1.75		VJC	80.0m	V
BR	15		MJC	380.8m	
NR	1.15		XCJC	1.510m	
VAR	20	V	TR	1.78n	S
IKR	50.0m	A	FC	10.51m	
ISC	70.0f	A			
NC	1.13				
RB	1.3	ohm			
IRB	300.0m	A	Lb	960.0p	H
RBM	300.0m	ohm	Lc	220.0p	H
RE	230.0m	ohm	Le	960.0p	H
RC	1.4	ohm	Cbc	220.0f	F
XTB	0		Cbe	110.0f	F
EG	1.11	eV	Cce	220.0f	F
XTI	3				
CJE	2.60p	F			
VJE	299.0m	V			
MJE	133.2m				



2008/12/09

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