



SPICE PARAMETERS

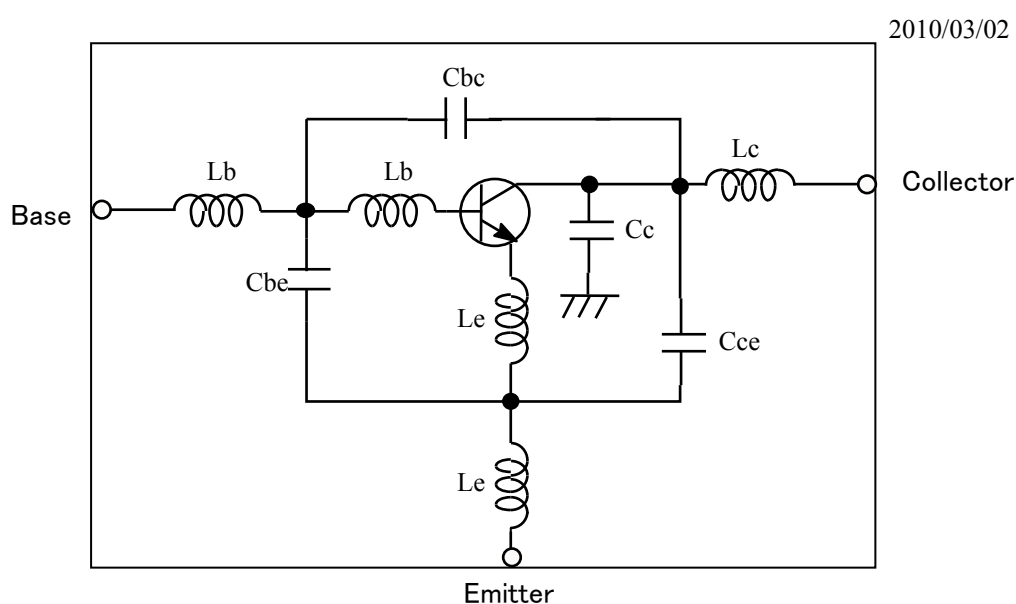
CPH6001A

ON Semiconductor®

HIGH-FREQUENCY TRANSISTOR

model : Gummel-Poon

Parameter	Value	Unit	Parameter	Value	Unit
IS	0.873f	A	TF	23.00p	S
BF	133		XTF	1.000m	
NF	980.0m		VTF	80.00m	V
VAF	18.54	V	ITF	7.8	A
IKF	220.0m	A	PTF	40	deg
ISE	2.000f	A	CJC	1.250p	F
NE	1.5		VJC	600.0m	V
BR	2.5		MJC	700.0m	
NR	1.15		XCJC	180.0m	
VAR	18	V	TR	0	S
IKR	50.00m	A	FC	500.0m	
ISC	65.00f	A			
NC	1.15				
RB	1.8	ohm			
IRB	90.00m	A	Lb	200.0p	H
RBM	1.5	ohm	Lbb	1200.0p	H
RE	430.0m	ohm	Le	100.0p	H
RC	1.5	ohm	Lee	1100.0p	H
XTB	0		Lc	60.0p	H
EG	1.11	eV	Cbc	340.0f	F
XTI	3		Cbe	420.0f	F
CJE	400.0f	F	Cce	340.0f	F
VJE	750.0m	V	Cc	320.0f	F
MJE	500.0m				



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