



**2SC6097**

## SPICE PARAMETER

### NPN Bipolar Transistor

**model : Gummel-Poon**

Parameter	Value	Unit	Parameter	Value	Unit
IS	800.0f	A	BF	400	
NF	1		VAF	4	V
IKF	550.0m	A	ISE	10.00p	A
NE	2		BR	145	
NR	1		VAR	50	V
IKR	620.0m	A	ISC	700.0p	A
NC	2		RB	1	Ohm
IRB	100.0m	A	RBM	35.00m	Ohm
RE	40.00m	Ohm	RC	25.00m	Ohm
XTB	1.3		EG	1.11	eV
XTI	3		CJE	380.0p	F
VJE	520.0m	V	MJE	350.0m	
TF	350p	sec	XTF	100	
VTF	5	V	ITF	9	A
PTF	0	deg	CJC	47.00p	F
VJC	500.0m	V	MJC	400.0m	
XCJC	1		TR	1.000n	sec
FC	500.0m		KF	0	(default)
AF	1	(default)			

Temp = 27 deg

Date : 2015/09/03

\*Information herein is for example only ;  
It is not guaranteed for volume production.

ON Semiconductor