



2SC5566

ON Semiconductor®

SPICE PARAMETER

NPN Bipolar Transistor

model : Gummel-Poon

Parameter	Value	Unit	Parameter	Value	Unit
IS	650.0f	A	BF	340	
NF	1		VAF	10	V
IKF	790.0m	A	ISE	2.000p	A
NE	2		BR	90	
NR	1		VAR	40	V
IKR	780.0m	A	ISC	350.0p	A
NC	2		RB	780.0m	Ohm
IRB	100.0m	A	RBM	35.00m	Ohm
RE	21.00m	Ohm	RC	24.00m	Ohm
XTB	1		EG	1.11	eV
XTI	3		CJE	270.0p	F
VJE	680.0m	V	MJE	350.0m	
TF	350p	sec	XTF	40	
VTF	20	V	ITF	30	A
PTF	0	deg	CJC	45.00p	F
VJC	600.0m	V	MJC	400.0m	
XCJC	1		TR	50p	sec
FC	500.0m		KF	0	(default)
AF	1	(default)			

Temp = 27 deg

Date : 2007/12/11

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

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