



2SC5964

ON Semiconductor®

SPICE PARAMETER

NPN Bipolar Transistor

model : Gummel-Poon

Parameter	Value	Unit	Parameter	Value	Unit
IS	460.0f	A	BF	358	
NF	1		VAF	11	V
IKF	700.0m	A	ISE	40.00p	A
NE	2		BR	105	
NR	1		VAR	50	V
IKR	1.6	A	ISC	720.0p	A
NC	2		RB	1.28	Ohm
IRB	100.0m	A	RBM	35.20m	Ohm
RE	36.00m	Ohm	RC	27.50m	Ohm
XTB	1.35		EG	1.11	eV
XTI	3		CJE	295.0p	F
VJE	680.0m	V	MJE	350.0m	
TF	350p	sec	XTF	20	
VTF	1.000K	V	ITF	30	A
PTF	0	deg	CJC	45.00p	F
VJC	500.0m	V	MJC	380.0m	
XCJC	1		TR	1.000n	sec
FC	500.0m		KF	0	(default)
AF	1	(default)			

Temp = 27 deg

Date : 2010/10/28

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

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