



**2SA2222SG**

## SPICE PARAMETER

### PNP Bipolar Transistor

**model : Gummel-Poon**

Parameter	Value	Unit	Parameter	Value	Unit
IS	2.600p	A	BF	285	
NF	1		VAFA	16	V
IKF	6	A	ISE	1.000p	A
NE	2		BR	102	
NR	1		VAR	15	V
IKR	1	A	ISC	340.0p	A
NC	2		RB	500.0m	Ohm
IRB	500.0m	A	RBM	31.00m	Ohm
RE	24.30m	Ohm	RC	4.400m	Ohm
XTB	2.2		EG	1.11	eV
XTI	3		CJE	1.230n	F
VJE	750.0m	V	MJE	460.0m	
TF	600p	sec	XTF	4	
VTF	1.000K	V	ITF	15	A
PTF	0	deg	CJC	380.0p	F
VJC	600.0m	V	MJC	408.0m	
XCJC	1		TR	1.000n	sec
FC	500.0m		KF	0	(default)
AF	1	(default)			

Temp = 27 deg

Date : 2009/10/05

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

ON Semiconductor