



12A02MH

ON Semiconductor®

SPICE PARAMETER

PNP Bipolar Transistor

model : Gummel-Poon

Parameter	Value	Unit	Parameter	Value	Unit
IS	110f	A	BF	450	
NF	1		VAFA	2.8	V
IKF	300m	A	ISE	10f	A
NE	2		BR	260	
NR	1		VAR	15	V
IKR	95m	A	ISC	40p	A
NC	2		RB	3.2	Ohm
IRB	30m	A	RBM	125.7m	Ohm
RE	105m	Ohm	RC	61m	Ohm
XTB	1		EG	1.11	eV
XTI	3		CJE	32p	F
VJE	720m	V	MJE	360m	
TF	300p	sec	XTF	3	
VTF	1	V	ITF	2	A
PTF	0	deg	CJC	16.5p	F
VJC	600m	V	MJC	400m	
XCJC	1		TR	50p	sec
FC	500m		KF	0	(default)
AF	1	(default)			

Temp = 27 deg

Date : 2006/12/26

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

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