



2SA1538

SPICE PARAMETER

PNP SMALL-SIGNAL TRANSISTOR

model : Gummel-Poon

Parameter	Value	Unit	Parameter	Value	Unit
IS	10.2f	A	ISC	20.0f	A
BF	140.0		NC	1.80	
NF	0.98		RB	180.0m	ohm
VAF	15.0	V	IRB	1.00	A
IKF	160.0m	A	RBM	180.0m	ohm
ISE	30.0f	A	RE	40.0m	ohm
NE	1.36		RC	190.0m	ohm
BR	0.38		XTB	0	
NR	1.00		XTI	3	
VAR	60.0	V	EG	1.11	eV
IKR	2.00	A	NK	0.82	

Temp= 27deg

Date : 2004/02/19

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

SANYO Electric Co., Ltd. Semiconductor Company, Hyper Device B. U.