



2SC3953

SPICE PARAMETER

NPN SMALL-SIGNAL TRANSISTOR

model : Gummel-Poon

Parameter	Value	Unit	Parameter	Value	Unit
IS	5.80f	A	ISC	10.0f	A
BF	96.0		NC	1.50	
NF	0.98		RB	360.0m	ohm
VAF	23.0	V	IRB	1.00	A
IKF	190.0m	A	RBM	80.0m	ohm
ISE	70.0f	A	RE	60.0m	ohm
NE	1.50		RC	180.0m	ohm
BR	1.40		XTB	0	
NR	1.00		XTI	3	
VAR	38.0	V	EG	1.11	eV
IKR	20.0	A	NK	0.68	

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.