

PSpice Model

NPN

RENESAS

2SC3356



Model Information

Model Gummel-Poon model
Call Name MDC_2SC3356_PS
Pin Assign 1:C 2:B 3:E
File List Model Library MDC_2SC3356_PS02.lib
 Model Report MDC_2SC3356_PS.pdf (this file)

Verified Simulator Version PSpice version 16.6
Note

References

The information which was used for modeling is as follow:

[Data Sheet]

- Date/Version Rev.3.00 Jun 28, 2011
- Product name 2SC3356
- Company name Renesas Electronics Corporation
- Characteristics hFEIc[Vce],fTIC[Vce]

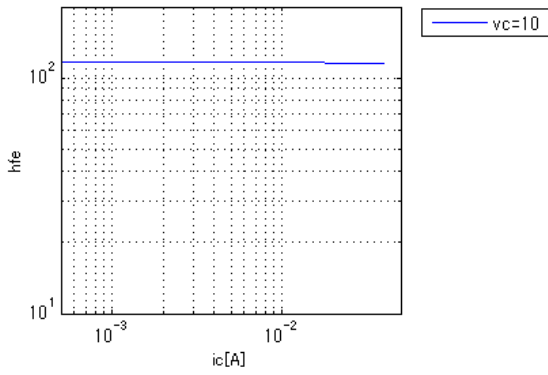
Simulation Range

This table shows the range of evaluated simulation range that was not occurs any convergence problems in this area.

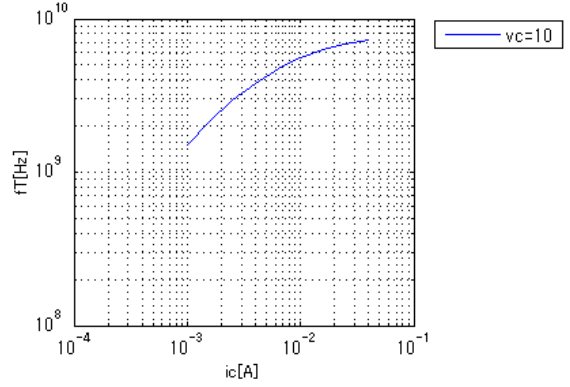
Item	Range			Unit
	Min.		Max.	
Collector-emitter voltage (DC)	0	to	12	V
Temperature	-65	to	150	deg C

Simulation results are following.
 Explanatory notes — : simulated

hFEIc[Vce]



fTic[Vce]



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MoDeCH Inc.

Head Office

Location: Mitsuseimei Hachioji Bldg., 5-15 Yokoyama-cho, Hachioji-Shi, Tokyo 192-0081, Japan

Tel:+81-42-656-3360

E-Mail:model-on-support@modech.co.jp

URL:<http://www.modech.com/en/>