

LTspice Model

NPN

Comchip

2SC3356Q-G



Model Information

Model Gummel-Poon model
Call Name MDC_2SC3356Q-G_LT
Pin Assign 1:C 2:B 3:E
File List Model Library MDC_2SC3356Q-G_LT01.lib
 Model Report MDC_2SC3356Q-G_LT.pdf (this file)

Verified Simulator Version LTspice version XVII
Note

References

The information which was used for modeling is as follow:

[Data Sheet]

- Date/Version REV: A
- Product name 2SC3356Q-G
- Company name Comchip Technology Co., Ltd.
- Characteristics hFEIc[Vce],fTlC[Vce]

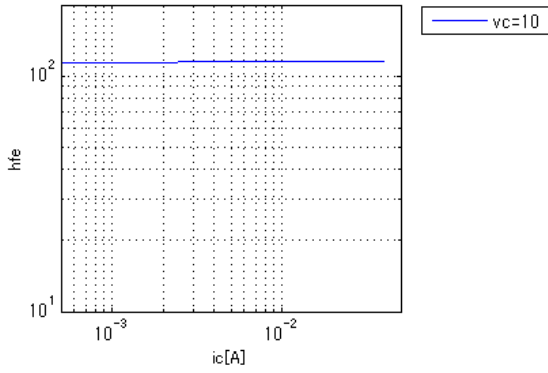
Simulation Range

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

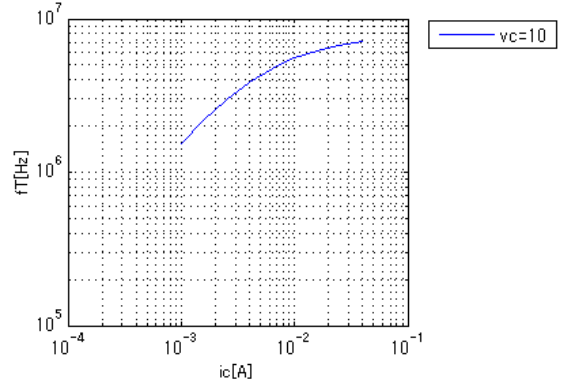
Item	Range			Unit
	Min.		Max.	
Collector-emitter voltage (DC)	0	to	12	V
Temperature	-65	to	150	deg C

Simulation results are following.
Explanatory notes — : simulated

hFEIc[Vce]



fTic[Vce]



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