

PSpice Model

NPN

RENESAS

2SC3356



Model Information

Model Mextram model
Call Name MDC_2SC3356_PS
Pin Assign 1:C 2:B 3:E
File List Model Library MDC_2SC3356_PS01.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]

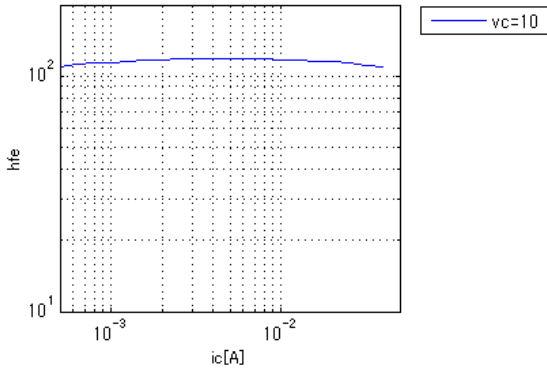
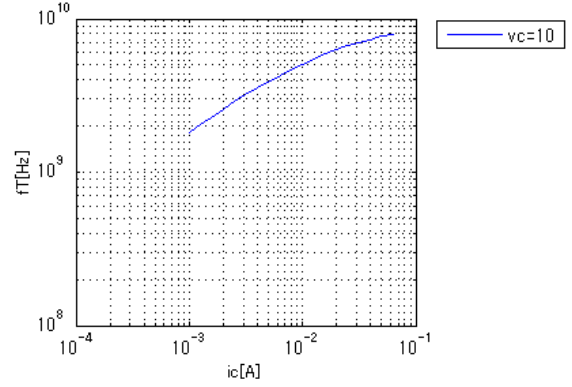
- Date/Version Rev.3.00 Jun 28, 2011
- Product name 2SC3356
- Company name Renesas Electronics Corporation
- Characteristics hFEIc[Vce],fTIC[Vce]

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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