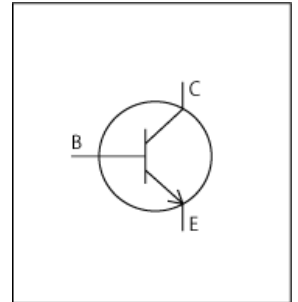


PSpice Model

NPN

ROHM

2SC4672



Model Information

Model Mextram model
Call Name MDC_2SC4672_PS
Pin Assign 1:C 2:B 3:E
File List Model Library MDC_2SC4672_PS01.lib
 Model Report MDC_2SC4672_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 None
- Product name 2SC4672
- Company name ROHM Co., Ltd.
- Characteristics hFEIc[Vce], Vce(sat)Ic[hFE], Vbe(sat)Ic[hFE]

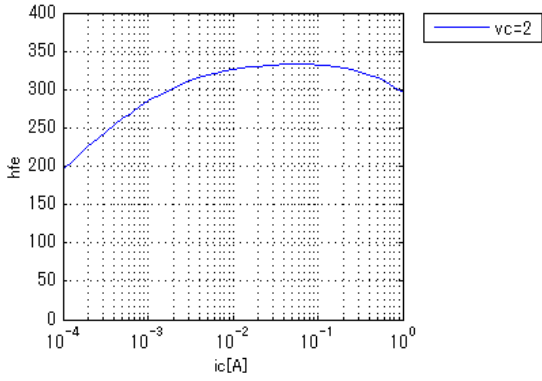
Simulation Range

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

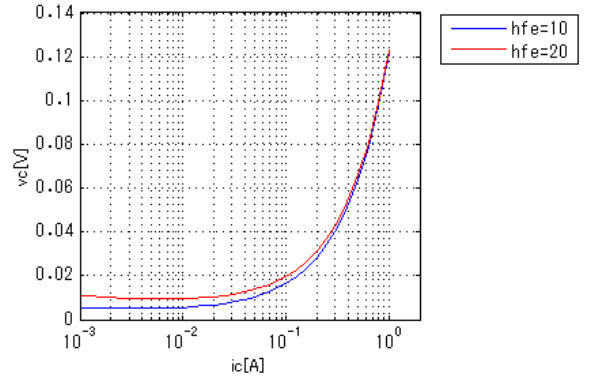
Item	Range			Unit
	Min.		Max.	
Collector-emitter voltage (DC)	0	to	50	V
Base current (DC)	0	to	0.2	A
Temperature	-40	to	150	deg C

Simulation results are following.
 Explanatory notes — : simulated

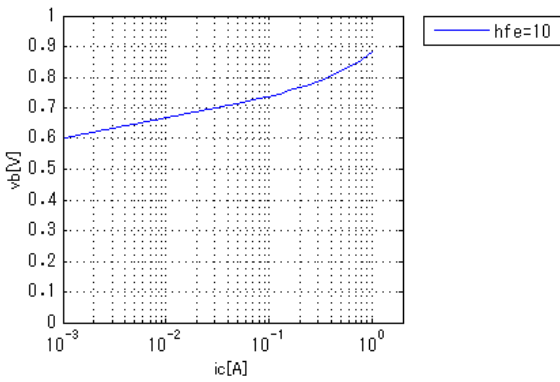
hFEIc[Vce]



Vce(sat)Ic[hFE]



Vbe(sat)Ic[hFE]



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MoDeCH Inc.

Head Office

Location: Mitsuiiseimei 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/>