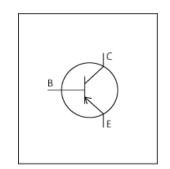


PSpice Model PNP Nexperia 2PA1774RMB



Model Information

Model Mextram model

Call Name MDC_2PA1774RMB_PS

Pin Assign 1:C 2:B 3:E

File List Model Library MDC_2PA1774RMB_PS01.lib

Model Report MDC_2PA1774RMB_PS.pdf (this file)

Verified Simulator Version

Note

PSpice version 16.6

References

The information which was used for modeling is as follow:

[Data Sheet]

Date/VersionRev. 1 - 23 March 2012

Product nameCompany name2PA1774RMBNexperia B.V.

Characteristics IcVbe[Temp], Vce(sat)Ic[Temp], Vbe(sat)Ic[Temp]

Simulation Range

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

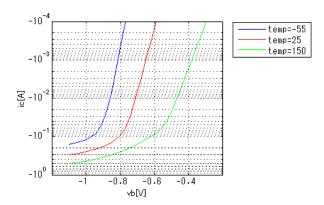
Item	Range			Unit
	Min.		Max.	
Collector-emitter voltage (DC)	0	to	-40	V
Base current (DC)	0	to	-10	А
Temperature	-65	to	150	deg C



Simulation results are following. Explanatory notes — : simulated

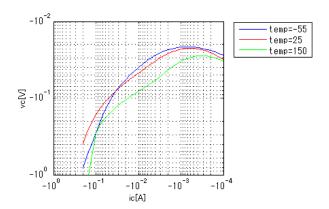
IcVbe[Temp]

Vce = -6V



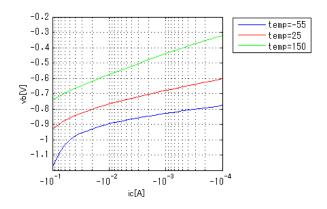
Vce(sat)lc[Temp]

IC/IB = 10



Vbe(sat)lc[Temp]

IC/IB = 10





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