

MDC_2SA1186_PS

PSpice Model PNP SanKen 2SA1186

Model Information

ModelMextram modelCall NameMDC_2SA1186_PSPin Assign1:C 2:B 3:EFile ListModel Library
Model Report

MDC_2SA1186_PS01.lib MDC_2SA1186_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/Version • Product name • Company name

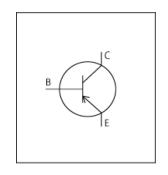
Characteristics

None 2SA1186 Sanken Electric Co., Ltd. IcVce[ib],Vce(sat)Ib[Ic],IcVbe[Temp],hFEIc[Temp],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	-150	V
Base current (DC)	0	to	-2	А
Temperature	-55	to	150	deg C

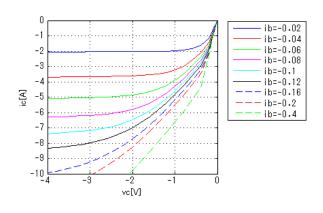




Simulation results are following. Explanatory notes -: simulated

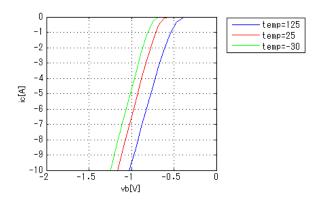
IcVce[ib]

Temp. = 25deg C

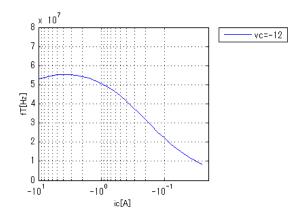


IcVbe[Temp]

Vce = -4V

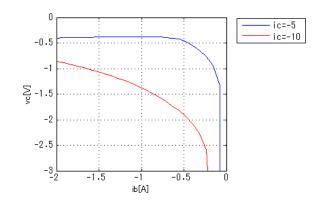


fTIc[Vce]



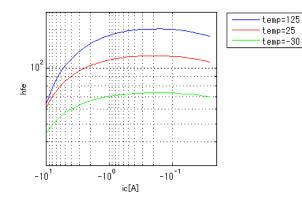
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Vce(sat)lb[lc]



hFElc[Temp]

Vce = -4V





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