

PSpice Model

Capacitor

Rubycon

25TPV470MAIN8X10.5

Model Information

Model A macro model
Call Name MDC_25TPV470MAIN8X10_5_PS
Pin Assign 1:1 2:2
File List Model Library MDC_25TPV470MAIN8X10_5_PS.lib
Model Report MDC_25TPV470MAIN8X10_5_PS.pdf(this file)
Verified Simulator Version PSpice version 17.2

Note

References

The information which was used for modeling is as follow:

[Data Sheet]

- Date/Version
- Product name 25TPV470MAIN8X10.5
- Company name Rubycon Corporation

[Characteristics listed]

- Characteristics Capacitance , Impedance - Frequency

Simulation Condition

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

Item	Condition	Unit
Temperature	20	deg C

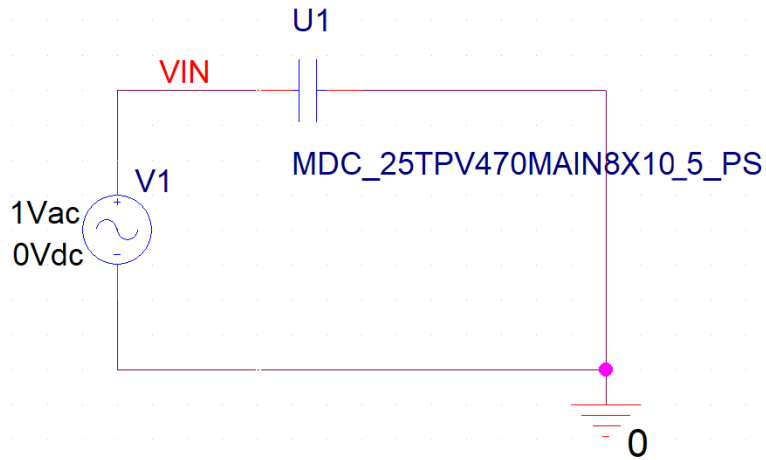
○ : Implemented
× : Not Implemented
— : Not applicable

Model Functions Table**RANK=1**

Functions	RANK	Implemented
Impedance-Frequency	1	○
Capacitance-Frequency	1	○

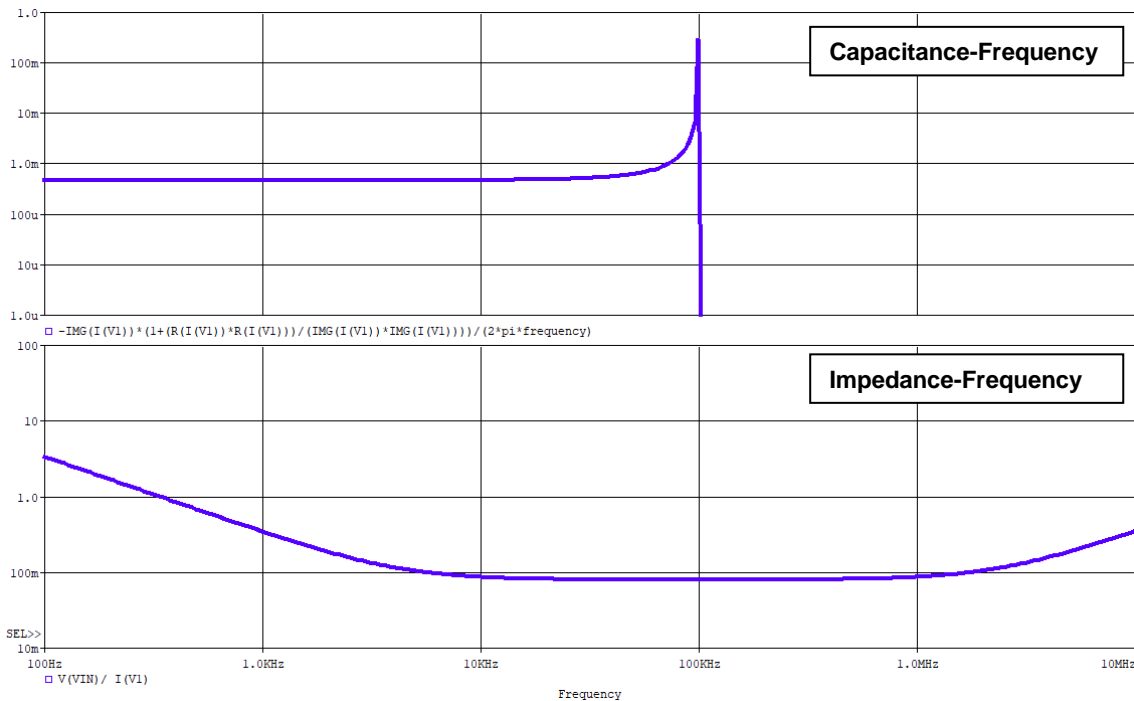
Capacitance , Impedance-Frequency Testbench

Referred to Data Sheet



Simulation results are following.
 Explanatory notes — : simulated

Capacitance , Impedance-Frequency



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MoDeCH Inc.

Head Office

Location: 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/>