

PSpice Model

Capacitor

Nippon Chemi-Con

EMZS250ARA471MHA0G

Model Information

Model	A macro model	
Call Name	MDC_EMZS250ARA471MHA0G_PS	
Pin Assign		
File List	Model Library	MDC_EMZS250ARA471MHA0G_PS.lib
	Model Report	MDC_EMZS250ARA471MHA0G_PS.pdf(this file)
Verified Simulator Version	PSpice 17.2	

Note

References

The information which was used for modeling is as follow:

[Data Sheet]

- Date/Version CAT. No. 1001Z 2022
- Product name EMZS250ARA471MHA0G
- Company name Nippon Chemi-Con 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

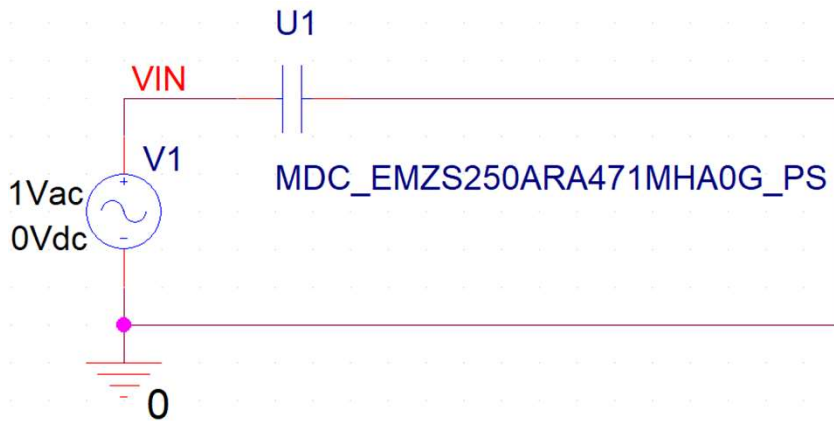
Model Functions Table

RANK=1

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

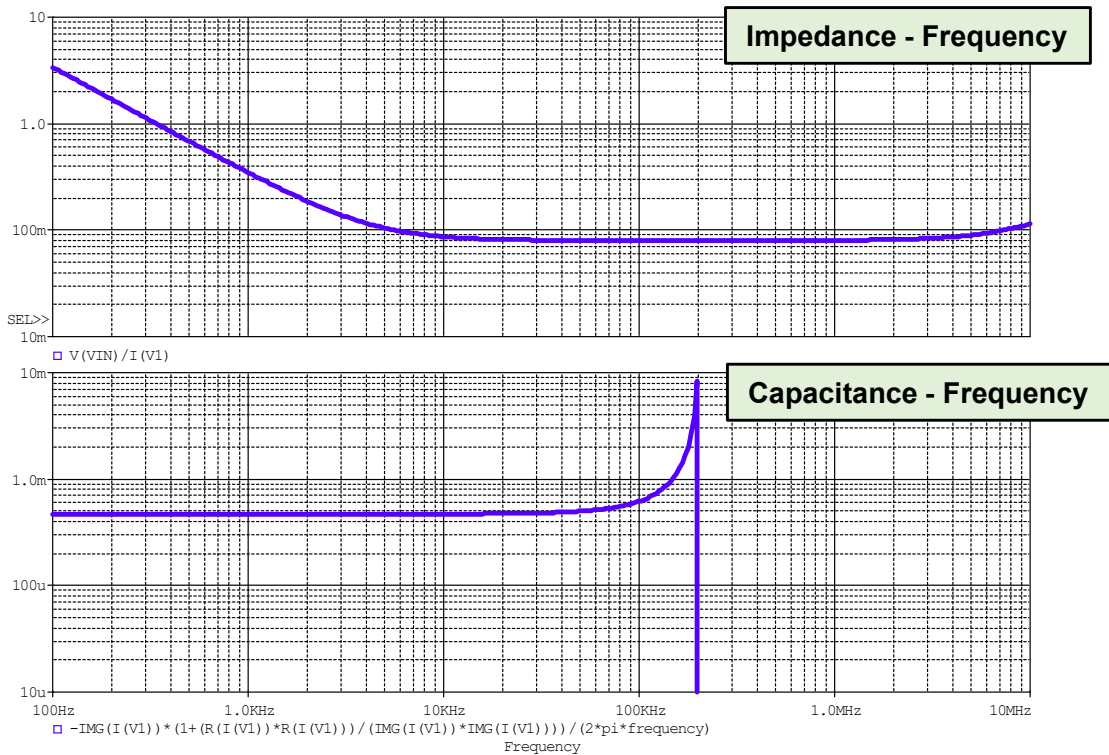
Capacitance , Impedance - Frequency Testbench

Referred to Data Sheet



Simulation results are following.
 Explanatory notes — : simulated

Capacitance , Impedance - Frequency



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