



Nippon Chemi-Con Corporation
April 28, 2010

Nippon Chemi-Con launches a website on SPICE models of conductive polymer aluminum solid capacitors

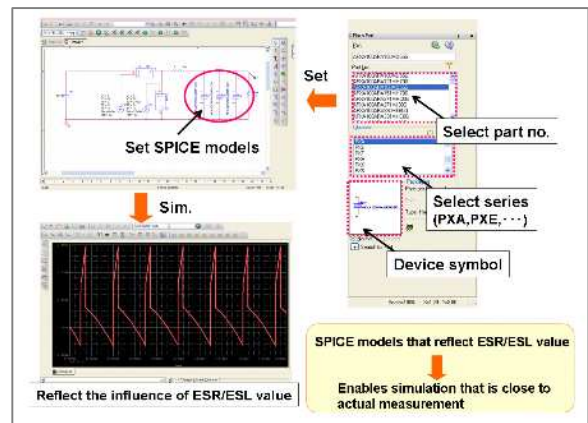
Nippon Chemi-Con Corporation has launched a website on device models (SPICE models) of SMD type conductive polymer aluminum solid capacitors. This is the first time in the industry to release the models of wound type capacitors online.

Product development based on circuit simulation is making a progress for the aim to achieve efficiency of electronics circuit design. It leads in reducing the period for designing, cost cutting and securing quality from the design stage by confirming the circuit behavior before actually assembling the circuit board.

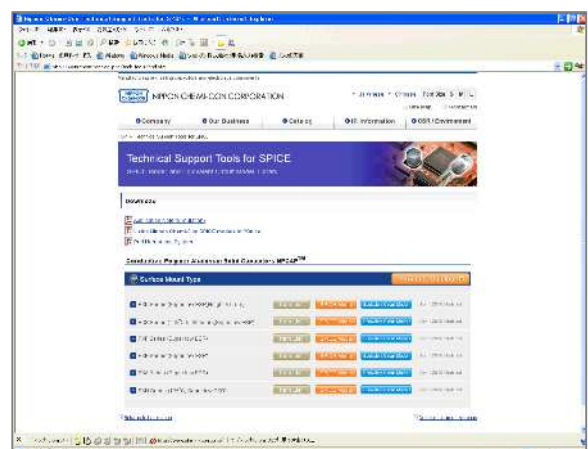
It is necessary to use precise models of electronic components to conduct a simulation that is close to actual measurement. In regard to aluminum electrolytic capacitors, parasitic components including ESR and ESL often have influence on circuit behavior, and there is a growing demand for models that reflect such components.

The SPICE models released online by Nippon Chemi-Con are models of SMD type conductive polymer aluminum solid capacitors that reflect these parasitic components. The models are able to reflect the influence of ESR change and capacitance change at a certain frequency range and will contribute in conducting a more precise simulation.

Nippon Chemi-Con plans to extend the applicable product lines such as the lead type conductive polymer aluminum solid capacitors.



[Simulation Image]



[Website Image]

[Website information]

Technical Support Tools for SPICE:

http://www.chemi-con.co.jp/e/tech_tools/index.html