



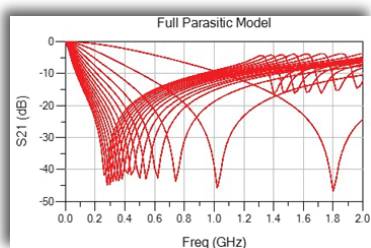
Overview

The Modelithics SELECT+ Library for Keysight ADS is a free downloadable sample set of Modelithics' advanced scalable parasitic models, which offer added parameters for specifying design details such as substrate properties, pad dimensions, and part value for passive RLC families, and other scalable parameters for active device models such as temperature, and bias. The Modelithics SELECT+ Library is an excellent preview of the Modelithics COMPLETE library, which is a huge collection of popular passive and active device models delivering accuracy for first-pass design success.

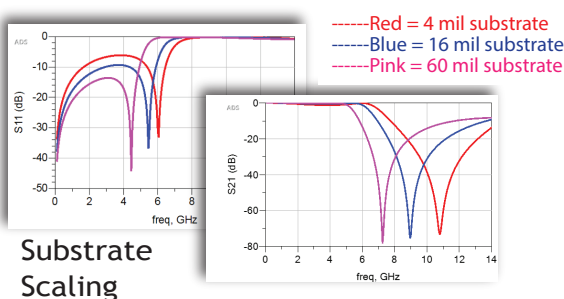
Passive and Active Device Models

- RLC Families
- Transistors
- Amplifiers
- Attenuators
- Filters
- Diodes
- Packages

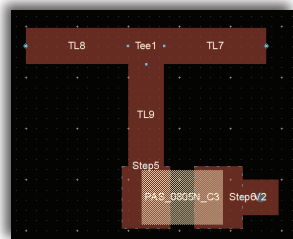
Advanced Features



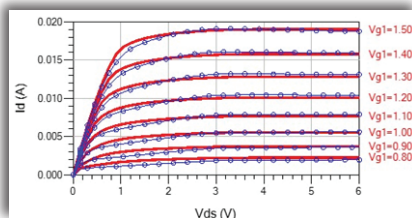
Part Value Scaling



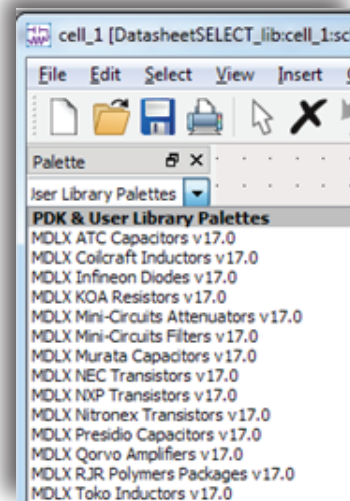
Substrate Scaling



Pad Scaling and Advanced Pad Features



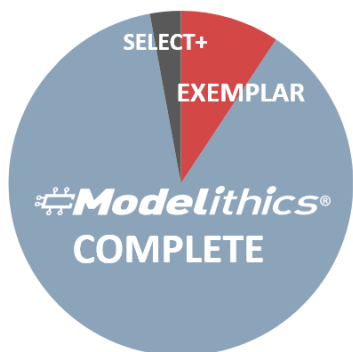
I-V Simulation



PLUS...

- Statistical Analysis
- Bias Scaling
- Layout Features
- Temperature Effects
- EM Co-simulation
- Capacitor Orientation
- Noise Simulation
- Load pull validation
- Thorough documentation

• Modelithics SELECT+ is a sample set of advanced scalable models, available for free download.



• Modelithics EXEMPLAR is a larger collection of models plus many example projects. It is the standard trial library provided for evaluation and is also offered for extended free higher education use as part of the *Modelithics University Program*.

• Modelithics COMPLETE is the full collection of models available, now with *over 575 models representing over 15,000 components!

* Represents Modelithics COMPLETE Library v17.0

Contact sales@modelithics.com to request more Information on the Modelithics EXEMPLAR Library, the Modelithics COMPLETE Library, and the Modelithics University Program.