

MOReal

Suitera MOReal is a state-of-the-art model order reduction tool for managing the electromagnetic characteristics of integrated circuits. MOReal reduces the parasitic impedances of massive analog and digital circuits extremely fast and with high accuracy. MOReal is a seamless solution, producing reduced netlists that are guaranteed passive and realizable. MOReal decreases the time of analyses and simulations from days to minutes and from minutes to milliseconds

Superior Reduction Technology

- ✓ Highly scalable software supports parallelism
- ✓ Fast reduction operation
- ✓ Employs small memory footprint
- ✓ Supports reduction ranging from DC to terahertz
- ✓ Able to handle netlists with large number of ports

High Quality of Reduced Netlists

- ✓ Reduced netlists speed up simulation time by orders of magnitude
- ✓ Output is guaranteed passive and realizable
- ✓ Reduced netlists are physical, only contain RLCK elements and no non-physical elements
- ✓ Produces numerically stable, reduced netlist.

	MOReal	Simulation Speed	Simulation Time	Productivity
	✓			
	✗			

Supported Features

- ✓ Can be integrated into both analog and digital flows
- ✓ Supports industry standard circuit formats (SPEF, SPICE, SPECTRE)
- ✓ Reduces R, RC, RCC, RLC, RLCK circuits
- ✓ Supports two modes of reduction (narrowband and wideband)
- ✓ Compatible with most analog and digital EDA tools

Platform

- Can be accessed using the Suitera website (www.suiteratech.com) for a single use file
- **[Coming Soon]** A standalone licensed version of the tool