

MPLAB[®] Mindi[™] Analog Simulator

MPLAB[®] Mindi[™] Analog Simulator reduces circuit design time and design risk by simulating analog circuits prior to hardware prototyping. The simulation tool uses a SIMetrix/SIMPLIS simulation environment, with options to use SPICE or piecewise linear modeling, that can cover a very wide set of possible simulation needs. This capable simulation interface is paired with proprietary model files from Microchip, to model specific Microchip analog components in addition to generic circuit devices. Finally, this simulation tool installs and runs locally, on the user's own PC. Once downloaded, no internet connection is required, and the simulation run time is not dependent on a remotely located server. The result is fast, accurate analog circuit simulations.



MPLAB[®] Mindi Simulation Models

Model files can be used in MPLAB[®] Mindi[™] Analog Simulator, or in SIMetrix/SIMPLIS software. Model libraries available:

- Operational Amplifiers
- Instrumentation Amplifiers
- Active Filter Circuits
- MOSFET and Motor Drivers
- PWM and non-PWM Power Controllers
- Power Modules
- LED Drivers
- Switching Regulators
- Generic switch and passive components
- ... and more coming

MPLAB Mindi Download Link

<http://www.microchip.com/mplab/mplab-mindi>