
HP Momentum For MDS Users

Technical Data

Course Overview

Learn about HP Momentum, a planar electromagnetic simulator, through interactive lectures and hands-on exercises. Learn how to use the advanced features of HP Momentum to meet your specific design objectives.

Course Features

- Understand and learn to use the capabilities of the HP Momentum simulator.
- Gain experience using HP Momentum to simulate a microstrip meander line, a lowpass filter, and an air bridge.
- Study and use HP Momentum examples to gain access to the full range of simulation capability.

Learn How To:

- use HP Momentum to analyze passive, planar high-frequency circuit designs for which no circuit models exist
- use the results in standard MDS simulations
- improve accuracy and speed by controlling the mesh used in simulation
- define special substrates

- characterize devices (air bridges, for example) in which vias are used

Specifications

Course Length

1 day

Audience

Experienced microwave designers and users of the HP Microwave Design System (MDS).

Prerequisites

MDS User Training (85150B+24D) or equivalent experience using the MDS software.

Delivery Method

Classroom, Dedicated.

Format

Course is about 50% lecture and 50% guided, hands-on lab exercises.

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Your Key to Higher
Productivity**

Classroom Training Benefits

Experienced HP Instructors

Learn from an experienced HP instructor who is an expert in using HP EEsof simulation and design software to meet real-world design challenges.

Available at HP Classrooms or Your Site

Take advantage of HP's learning facilities, equipment, and interactive learning environment by attending class at an HP facility. Or, save travel expenses and time by organizing an on-site class at your location.

Regularly Scheduled Classes

Plan training months in advance.

Extensive Hands-on Practice

HP classroom training is characterized by extensive hands-on experience and interactive class discussion.

HP classroom training pays off immediately because it is geared to real-world solutions.

Comprehensive Student Materials

Copies of course materials are provided for future reference on the job.

HP Momentum for MDS Users (85158A+24D)

Agenda

- Using HP Momentum
- What is HP Momentum?
- Using HP Momentum:
Getting Results Quickly
- Using HP Momentum:
Creating a Lowpass Filter
- Using HP Momentum:
Creating an Air Bridge
- HP Momentum In Depth:
Questions, Answers,
Examples
- Course Review and
Evaluation

Ordering Information

To order HP Momentum for MDS Users (85158A+24D) in the U.S. call 1-800-HPCLASS (800-472-5277).

HP's Customer Registration Center can provide you with price, scheduling, and enrollment information, as well as provide information about dedicated class delivery.

Outside the U.S., contact your nearest local HP sales office.

Region Sales Headquarters:

United States:

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