PathWave RFIC Design (GoldenGate) Configuration

More value, simple to choose, easy to configure

PathWave RFIC Design Bundled Software

PathWave RFIC Design Software Bundles provide designers with a choice of value-packed, pre-configured combinations of software built for specific design workflows. These combinations enable you to simulate RF designs without leaving the Cadence Virtuoso environment, assess key figures of merit such as error vector magnitude (EVM) and bit error rate (BER) with the same accuracy as Keysight instruments with Virtual Test Benches (VTB), and more.

PathWave RFIC Design bundles start with the RFIC Design Core environment and add separate PathWave RFIC Design Simulation Elements, each of which provide specific design and simulation capabilities.

Simulation elements are themselves comprised of one or more separate modules, which add additional design and development functions. These modules, which were formerly sold separately, are now grouped together into very efficient and effective combinations.

Learn more about PathWave RFIC Design Simulation Elements

Simpler all around, PathWave RFIC Design bundled software with simplified licensing and support options make it easy to choose, download and setup your software.

Configure Your New Software

This step-by-step process will help you configure your new PathWave RFIC Design software when making your initial order. See the upgrade section to learn how to add any of these options after initial purchase.

Step 1: Choose Your Software Product

Virtuoso-Only Flow Bundles

Model	Product Name	Description
W5802B	PathWave RFIC Design (GoldenGate) + VTB Engine + Complete VTBs	Bundle including the PathWave RFIC Design (GoldenGate) simulator, the Virtual Test Bench (VTB) Simulator and Complete Set of VTBs for Radar, 5G/Cellular, WiFi/Connectivity and more
W5803B	PathWave RFIC Design (GoldenGate) + RFPro	Bundle including the PathWave RFIC Design (GoldenGate) simulator and RFPro, including Momentum and FEM Simulators
W5804B	PathWave RFIC Design (GoldenGate) + VTB Engine + Complete VTBs + RFPro	Bundle including the PathWave RFIC Design (GoldenGate) simulator and RFPro, including Momentum and FEM Simulators, the Virtual Test Bench (VTB) Simulator and Complete Set of VTBs for Radar, 5G/Cellular, WiFi/Connectivity and more

ADS & Virtuoso Flow & Packaging Bundles

Built for RF & Microwave design including System, Circuit, EM, GaAs MMIC, Silicon RFIC, RF SiP/Module, and/or RF Board design applications.

Model	Product Name	Description
W3611B	PathWave ADS Core + EM Design Core + RFIC Design (GoldenGate) + RF Circuit Sim	Bundle including the ADS Core Environment, EM Design Core Environment (EMPro), PathWave RFIC Design (GoldenGate) simulator and ADS Linear, Harmonic Balance, Circuit Envelope and RF Transient/Convolution simulators
W3612B	PathWave ADS Core + EM Design Core + RFIC Design (GoldenGate) + RF Circuit Sim + VTB Engine + VTB Complete	Bundle including the ADS Core Environment, EM Design Core Environment (EMPro), PathWave RFIC Design (GoldenGate) simulator and ADS Linear, Harmonic Balance, Circuit Envelope and RF Transient/Convolution simulators, the Virtual Test Bench (VTB) Simulator and Complete Set of VTBs for Radar, 5G/Cellular, WiFi/Connectivity and more
W3613B	PathWave ADS Core + EM Design Core + RFIC Design (GoldenGate) + RF Circuit Sim + Layout + RFPro	Bundle including the ADS Core Environment, EM Design Core Environment (EMPro), PathWave RFIC Design (GoldenGate) simulator and ADS Linear, Harmonic Balance, Circuit Envelope and RF Transient/Convolution simulators, ADS Layout and RFPro, including Momentum and FEM Simulators

W3614B	PathWave ADS Core + EM Design Core + RFIC Design (GoldenGate) + RF Circuit Sim + Layout + RFPro + VTB Engine + Complete VTBs	Bundle including the ADS Core Environment, EM Design Core Environment (EMPro), PathWave RFIC Design (GoldenGate) simulator and ADS Linear, Harmonic Balance, Circuit Envelope and RF Transient/Convolution simulators, ADS Layout and RFPro, including Momentum and FEM Simulators, the Virtual Test Bench (VTB) Simulator and Complete Set of VTBs for Radar, 5G/Cellular, WiFi/Connectivity and more
W3609B	PathWave ADS Core, EM Design, RFIC Design Quad (GoldenGate), Layout, RFPro, RF Ckt Sim, Sys-Ckt Verif, VTBs	Bundle including the ADS Core Environment, EM Design Core Environment (EMPro), PathWave RFIC Design (GoldenGate) Quad simulator and ADS Linear, Harmonic Balance, Circuit Envelope and RF Transient/Convolution simulators, ADS Layout and RFPro, including Momentum and FEM Simulators, the Virtual Test Bench (VTB) Simulator and Complete Set of VTBs for Radar, 5G/Cellular, WiFi/Connectivity and more

Step 2: Select Desired License Term

Table 1. License terms

License Term	Description
Perpetual [1]	Perpetual licenses can be used indefinitely
Subscription	Subscription licenses can be used through the term of the license (6, 12, 24, or 36 months)

1. The purchase of EDA perpetual licenses is no longer available. For more information, refer to https://www.keysight.com/find/eda-perpetual-license-letter

Step 3: Select Desired License Type

Table 2. License types

License Term	Description
Node-locked	License can be used on one specified instrument/computer
USB Portable	License can be used on one instrument/computer at a time but can be transferred to another using a certified USB dongle (available for additional purchase, Keysight part number E8900-D10).
Floating	Networked instruments/computers can access a license from a server one at a time. Multiple licenses may be purchased for concurrent usage. Four types of floating license are available: **N – Single Site:** 1-mile radius from the server; **Q – Telecommuter:** A time-zone in Americas; a country in Europe/Asia; **R – Single Region [2]:** Americas; Europe; Asia; **W – Worldwide** (export restriction identified in End User License Agreement (EULA))

2. Americas (North, Central, and South America, Canada); Europe (European Continent, Middle Eastern Europe, Africa, India); Asia (North and South Asia Pacific Countries, China, Taiwan, Japan).

Step 4: Choose Your Support Subscription and Duration

Table 3. KeysightCare software support subscription

Subscription	Description
KeysightCare support subscription	Perpetual licenses are sold with a 12 (default), 24, 36, or 60-month software support subscription. Support subscriptions can be renewed for a fee after that.
	Subscription licenses already include a software support subscription through the term of the license.

Floating License Server Requirements

The PathWave RFIC Design floating license requires loading a vendor daemon on a license server. This server may be the same PC running the PathWave RFIC Design software. Full installation instructions and support are provided for compatible server operating systems: Windows 7 Professional, Enterprise, Ultimate (64-bit); Microsoft Windows 8 Professional or Enterprise; Microsoft Windows 10 Professional or Enterprise (64-bit); or Linux (ADS version above 2020).

Visit www.keysight.com/find/license-server

Download the latest software!

Downloading the latest version of PathWave RFIC Design software is easy.
www.keysight.com/find/rfic-design-downloads

Resources

Learn more about:

- PathWave Design Software
- Software Terms, Types and KeysightCare Software Support Subscriptions

Learn more at: www.keysight.com

For more information on Keysight Technologies' products, applications or services, please contact your local Keysight office. The complete list is available at:
www.keysight.com/find/contactus

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