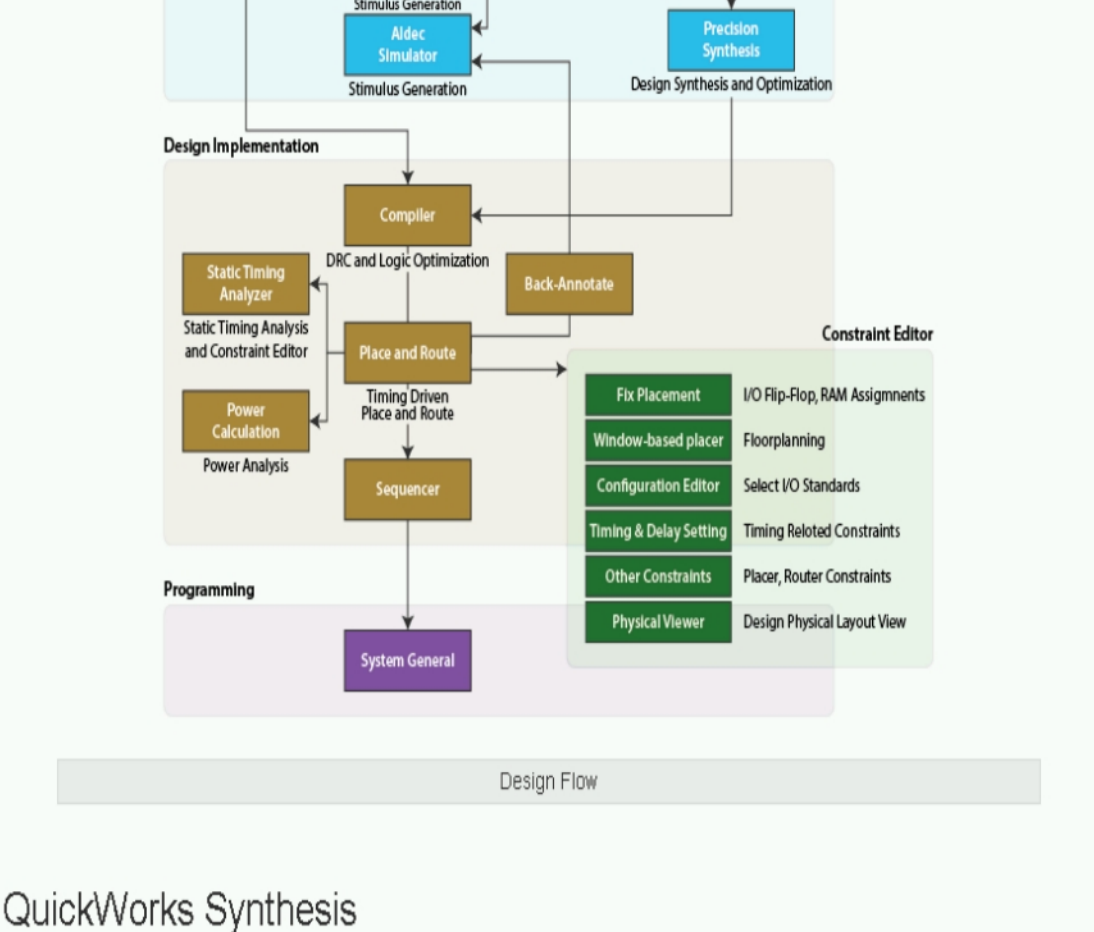


## QuickWorks

QuickLogic provides a complete design environment for Field Programmable Gate Array (FPGA) designs. QuickLogic development software helps you increase productivity, shorten design cycles, achieve design performance and power requirements quickly and efficiently. QuickLogic provides tools to guide you from concept to silicon.

QuickWorks® supports Windows operating systems, and provides a comprehensive design environment ranging from schematic and HDL-base design entry, HDL language editors and tutorials, logic synthesis, place and route, timing analysis, and simulation support. QuickLogic has partnered with Mentor Graphics and Aldec Inc. to provide industry leading synthesis and simulation tools, as well as provide an interface to other industry standard EDA tools.

In addition, QuickLogic provides various reference design kits and software development kits to shorten your verification cycles.



## QuickWorks Synthesis

Part Number	Included Software
QS-QWK-SYN	<ul style="list-style-type: none"><li>Schematic Capture</li><li>Place &amp; Route</li><li>Mentor Graphics Precision Synthesis</li></ul>

## Frequently Asked Questions

<a href="#">My Verilog design works in behavioral simulation, but I cannot get it to run at speed. What should I do?</a>
<a href="#">Why can't I fix the pin assignments for some of the pins in my HDL design?</a>
<a href="#">When creating a Verilog or VHDL file from a .rom file, why does the RAM/ROM/FIFO Wizard give a syntax error?</a>
<a href="#">The Message, "VHDL compiler exit on status xxxxxxx" appeared during source files compilation under Synplify-Lite. How can I find out the problem with the source code?</a>
<a href="#">Sometimes, Synplify-Lite reports a mapper failure. The error is not very helpful, since it only says, "Mapper Fails." Is there a "next step" after encountering this error?</a>
<a href="#">What is the input hysteresis on pASIC 3, QuickRAM and QuickPCI families?</a>
<a href="#">What is the QuickLogic-recommended rinsing solution for devices?</a>
<a href="#">How can I contact your sales department?</a>

## Software Download

Please read the [software license agreement](#).

Name	Version	Size	Updated	Notes
<a href="#">QuickWorks 2010.4.1</a>	2010.4.1	207 MB	January 19, 2011	<i>This version doesn't include Mentor Graphics Precision Synthesis. Please download Mentor Graphics Precision Synthesis and Synthesis Library separately.</i>
<a href="#">QuickWorks 2010.3.1.1 Patch</a>	2010.3.1.1	13.4 MB	October 4, 2010	<i>This patch is applicable only on QuickWorks2010.3.1 Release build.</i>
<a href="#">QuickWorks 9.7.4</a> <a href="#">license.dat for v9.7.4</a> (Right click the link to save the file)	9.7.4	301.4 MB	February 5, 2008	<i>For EOL devices. Please make sure you don't have any other QuickWorks versions installed on your system.</i>  <i>License installation instructions: Please copy the license.dat license file to the data directory of your SpDE installation. The default installation directory path is C:\pasic\spde\data\license.dat.</i>
<a href="#">QL9600 Software</a>	1.34a	4.9 MB	October 13, 2011	<i>QL9600 Software for System General Programmers</i>
<a href="#">QuickPro</a>	9.4.1 RC3	64 MB		
<a href="#">IBIS Model Visual Editor/Viewer</a>				<i>Download from <a href="#">www.mentor.com</a></i>

## System General QL9600

Desktop programming solution designed for accelerated programming times.

USB connectivity enables shorter download times.



System General QL9600 Programmer Tool Kit provides a high-speed, portable programming solution for designers using QuickLogic's FPGAs. QL9600 supports the pASIC® 3, QuickRAM®, QuickPCI®, Eclipse™, Eclipse Plus, Eclipse II, PolarPro®, and ArcticLink® device families.

## System General Kit List

Part Number		
QT-SG-T9600-A	System General QL9600 Programming Tool Kit including EPD (for 110V power supply)	
QT-SG-T9600-B	System General QL9600 Programming Tool Kit including EPD (for 220V power supply)	
QT-SG-T9600-C	System General QL9600 Programming Tool Kit including EPD (for 240V power supply)	
QT-SG-T9600-EPD	System General EPD	

## System General Adapter List

### ArcticLink

Part Number	Programming Adapter Part Number	Prototyping Socket
System General PMN121 Adapter	QT-SG-PMN121-T	QK-PE-PMN121
System General PTN196 Adapter	QT-SG-PTN196-T	QK-PE-PTN196

### PolarPro

Part Number	Programming Adapter Part Number	Prototyping Socket
System General PFN144 Adapter	QT-SG-PFN144-S	QK-YI-PF144
System General PSN256 Adapter	QT-SG-PSN256-S	QK-ET-PS256
System General PTN196 Adapter	QT-SG-PTN196-S	QK-ET-PT196
System General QL1P100 Adapter	QT-SG-PUN132-BR-S	QK-PE-PUN132
System General QL1P300 Adapter	QT-SG-PUN132-CR-S	QK-PE-PUN1

### Eclipse II, Eclipse, Eclipse Plus

Part Number	Programming Adapter Part Number	Prototyping Socket
System General PB516 Adapter	QT-SG-PBN516	QK-ET-PB516
System General PS484 Adapter	QT-SG-PSN484	QK-ET-PS484
System General PT280 Adapter	QT-SG-PTN280	QK-ET-PT280
System General PQ208 Adapter	QT-SG-PQ208	QK-ET-PQ208
	QT-SG-PQN208	QK-TI-PQ208
System General PT196 Adapter	QT-SG-PTN196-R, QT-SG-PTN196	QK-ET-PT196
System General PUN196 Adapter	QT-SG-PUN196-R	QK-ET-PU196
System General PF144 Adapter	QT-SG-PFN144	QK-YI-PF144
System General PV100 Adapter	QT-SG-PFN100	QK-YI-PF100

### QuickRAM, pASIC 3, QuickPCI

Part Number	Programming Adapter Part Number	Prototyping Socket
System General PF100 Adapter	QT-SG-PFN100	QK-YI-PF100
System General PF144 Adapter	QT-SG-PFN144	QK-YI-PF144
System General PQ208 Adapter	QT-SG-PQN208	QK-YI-PQ208
System General PN256 Adapter	QT-SG-PBN256	QK-ET-PB256
456 PBGA	QA-PB456	QK-YI-PB456, QK-ET-PB456
484 BGA	QA-PS484	QK-YI-PS484, QK-ET-PS484

## Sockets

Please [contact us](#) for information about prototyping and development sockets (BGA, QFP, and HiLo).

## Documentation

- Quick Note
-  Using ModelSim for Simulations with QuickLogic Devices

[» Corporate](#) [» Support](#) [» Development Tools](#)

## HAVE A QUESTION?

If you have questions for our solution experts, please contact us!

First Name

Last Name

Email

Company

Your region

Your message

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