



Dear Valued Customer:

Algozen Corporation is your source for outstanding CAD and CAE software tools.

We understand the need for companies to grow their own engineering teams, create and implement their own unique design processes and to do so, quickly, efficiently with well managed operating costs.

Algozen has a reputation for expertise in detailed hardware design, engineering management and creation of corporate engineering design procedures and processes.

This gives us a great opportunity to represent and support sales of the products we use. We only sell what we believe are the best tools available to give the performance, price and the long term successful integration and stability for the future of your company.

Choosing a CAD/CAE tool is a decision that will shape the future success of your company. We have used most of the tools offered at one time or another and have chosen the best.

Please look at the present CADSTAR and PSIM bundles Algozen is offering. These product combinations offer great value and performance.

Sincerely,

Michael J. Richards
President, Algozen Corporation

Purchase an Algozen Power Bundle and save even more

Basic CADSTAR

- B'Spice Mixed Mode Simulation
- Design Migration
- Schematic Design
- Library Editor
- Library Datasheet Publisher
- Varant Manager
- PCB Design Editor (Unlimited)
- Place & Route Editor
- 6 Layer Auto-router
- 1 year software upgrades, Technical support and access to the online libraries
- Free Gerber Editor (Excelcam)
- Free Design Viewer
- Network or Node-locked license

PSIM[®]

- Key Features of PSIM:
- Easy to use
 - Fast Simulation
 - Flexible control representation
 - Frequency response analysis (AC sweep)
- Custom C/C++ Code
Built-in Power and Control Blocks

**Algozen
Power Pro BASIC Bundle
Limited Time Bundle Price
\$8,295.00**

This Bundle is well suited for power electronic design teams starting up with limited budgets. This bundle will enable your engineering team to simulate power electronic circuits and systems quickly and easily using PSIM, leading to well defined designs. Note that CADSTAR also includes a traditional SPICE simulator that can be used to simulate detailed micro-circuit behaviour as required. Once the designs are well defined then CADSTAR schematic and layout tools will allow those designs to be implemented with the high quality performance required for any power electronics product development to be successful.

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Motor Drive Module

PSIM[®]

- DC machine
- 3-phase squirrel-cage induction machine (with and without saturation)
 - 3-phase wound-rotor induction machine (with and without saturation)
 - Permanent-magnet brushless DC machine (BOCM) with trapezoidal back emf
 - Permanent-magnet synchronous machine (PMSM) with sinusoidal back emf
 - Conventional synchronous machine with external excitation
 - Switched reluctance machine (6 stator teeth/4 rotor teeth)
 - Gear box
 - General-type mechanical load
 - Constant-torque mechanical load
 - Constant-power mechanical load
 - Constant-speed mechanical load
 - Torque sensor

This bundle is well suited for electronic design teams who are working with power electronics and motor drives. This bundle allows design teams to simulate their systems as well as model power loss and thermal loss behaviour integrated within the PSIM simulation tool. Once these key areas are defined, CADSTAR provides the means to implement the designs with the added capability of 3D modeling and Electromagnetic Compatibility (EMC) management. This bundle provides exceptional capability.

Place your order today!
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904-399-3074
www.algozen.com

Prices are in US Dollars.
Offer valid only for residents of
New York State USA and
Province of Ontario, Canada

Professional CADSTAR

- Unlimited Layer Auto-router
- XR2000HS Router
- Rules by Area
- Board Modeler Lite (3D)
- EMC Adviser
- B'Spice Mixed Mode Simulation
- Design Migration
- Schematic Design
- Library Editor
- Library Datasheet Publisher
- Varant Manager
- PCB Design Editor (Unlimited)
- Place & Route Editor
- 6 Layer Auto-router
- 1 year software upgrades, Technical support and access to the online libraries
- Free Gerber Editor (Excelcam)
- Free Design Viewer
- Network or Node-locked license

**Algozen
Power-Pro-Mo Bundle
Limited Time Bundle Price
\$15,476.00**

Thermal Module PSIM[®]

The Thermal Module provides a quick way of calculating conduction and switching losses of semiconductor devices (diodes, IGBT and MOSFET)

Loss calculation is an important aspect in power converter design. With the Thermal Module, users can add the datasheet information of device manufacturers into a database and use these devices in the simulation for loss calculation. With the loss information, one can build a thermal equivalent circuit and calculate temperature rise.

One major advantage of the Thermal Module is that it is very easy to use. New devices can be easily added into the database and the Database Manager provides convenient ways to navigate through the database and search or sort devices. Also, the loss calculation is done in such a way that it does not compromise the fast simulation speed.

The Thermal Module is ideal for quick loss estimation and for comparing different operating conditions or comparing devices of different manufacturers.

PSIM[®]

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- Custom C/C++ Code
Built-in Power and Control Blocks

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Algozen Power-Flex Bundles

Buy any Algozen-Power Bundle and add another PSIM module at 10% off that module's regular price.

NOTE: All Bundles for PSIM Professional are Stand Alone versions.
PSIM Network version is priced separately.

All CADSTAR Bundles are available as Stand Alone or Network version at no additional cost.

Offer expires March 31 2010